SUPPLEMENT TO

JOURNAL

OF THE

AMERICAN WATER WORKS ASSOCIATION

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MEMBERSHIP LIST

COMMITTEES

AMERICAN WATER WORKS ASSOCIATION

22 E. 40th St., New York, N. Y.

Made in United States of America

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The past practice of including the Constitution and By-Laws of the Association with the Membership List is not followed in this issue, because of the imminence of several important revisions therein.

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CONSTITUTION AND BY-LAWS

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LOCAL SECTIONS
OF THE
AMERICAN WATER WORKS ASSOCIATION

There have been established twenty-four Local Sections, under the provisions of Article VII of the Association's By-Laws. Each of these Sections consists of the Association members who reside in the territory embraced by that Section. These Sections with the territory and the number of members in each are enumerated in this book on page 163, following the geographic list of members.

Each Local Section has its own officers, as listed each month in the front of the JOURNAL of the American Water Works Association. These officers are all selected by the Section itself under the provisions of the By-Laws of that Section. One of these officers consists of a member selected to represent his Section on the Board of Directors of the American Water Works Association, in accordance with Articles III and IV of the Association's Constitution.

The Local Sections each hold one or more meetings during the year, their practice in this respect, as well as the conduct of all of their business, being adapted to best meet the needs of their respective territories. Papers presented at these Local Section meetings are drawn upon for publication in the JOURNAL of the Association, the same as papers presented at the Annual Convention of the Association. Most of the activities of the Sections are of course concerned with matters of local interest in their own territories.

Each member and affiliate of the American Water Works Association is automatically a member of the Section in whose territory he resides, and there are no membership dues other than the regular Association dues, each Section receiving its funds from the Association.

NATIONAL DIVISIONS

In accordance with the provisions of Article VII of the Association's By-Laws, the Board of Directors has established three National Divisions consisting of groups of the members who are particularly interested in certain branches of the water supply industry.

THE WATER PURIFICATION DIVISION

This Division was organized originally as the Chemical and Bacteriological Section in 1913, or somewhat earlier. The present name was adopted in 1925. The objects of this Division in particular are the advancement of the science and art of water purification; the stimulation of research in the physical, chemical and bacteriological fields as related to the causes and effects of pollution and to methods of purification; and the promotion of progress in the design, construction and operation of water purification works.

THE PLANT MANAGEMENT AND OPERATION DIVISION

This Division was established in 1924. The objects of this Division, as stated in its By-Laws, are the same as those of the Association, namely, the advancement of knowledge of the design, construction, operation and management of water works and the encouragement, by social intercourse among its members, of a friendly exchange of information and experience.

THE FINANCE AND ACCOUNTING DIVISION

This Division was established in 1929. Its objects are stated to be the same as those of the Association, and particularly in connection with the accounting and financial operations incident to the operation of water works.

Any Active or Junior Member or Affiliate of the American Water Works Association may become a member of any one or more of these Divisions upon request, and with no further dues. The principal activities of the Divisions take place during the Annual Convention of the Association, at which time a number of the technical sessions are held under the auspices of the Divisions. Each of such meetings is presided over by the officers of the Division concerned and the subjects of discussion are those in which that Division is interested.

Each Division has its own officers, as listed each month in the front of the JOURNAL of the American Water Works Association. The Divisions may also appoint committees for study, research and report upon subjects of interest to them. These committees act independently except for general supervision of their work by the Association's standing Committee on Water Works Practice.

PUBLICATIONS

The JOURNAL of the American Water Works Association is a monthly publication which is sent to each member. It contains papers, discussions and committee reports presented at the Annual Conventions of the Association and at the meetings of its Local Sections. Also included are the accounts of the business proceedings at the conventions and meetings, news notes of particular interest to members, and an exceptionally complete section consisting of abstracts of current water works literature. An index is available covering all issues of the Journal, and of its predecessor the Proceedings, 1881 to 1933.

The Manual of Water Works Practice is a book which is published by the Association and sold to members and others. Its 800 pages consist of the coordinated efforts of a large number of members of the Association, specialists in their fields, and presents their accurate summaries of modern water works practice. It discusses collection, distribution, treatment and consumption of water supplies, contains accepted specifications, and treats of water supply problems in relation to the health, safety and welfare of the public.

The Census of Municipal Water Purification Plants in the United States, 1930–1931 is a 140 page book published and for sale by the Association.

Standard Methods for the Examination of Water and Sewage is a joint publication of the American Water Works Association and the American Public Health Association. It is now in its eighth edition and stands preeminent in the field of sanitary laboratory work.

Other publications by the Association consist of separately printed standard specifications, committee reports and such articles from the JOURNAL as may have been issued in separate reprint form.

CONVENTIONS AND PAST PRESIDENTS

The President's term of office ends on the last day of the convention

1	St. Louis, Mo.	March 29–31, 1881	*John T. Foster
2	Columbus, Ohio	March 14–16, 1882	*John T. Foster
3	Buffalo, N. Y.	May 15–17, 1883	*John T. Foster
4	Cincinnati, Ohio	April 15–17, 1884	*John G. Briggs
5	Boston, Mass.	April 21–23, 1885	*L. H. Gardner
6	Denver, Colo.	June 23–25, 1886	*Peter Milne, Jr.
7	Minneapolis, Minn.	July 13–15, 1887	*B. F. Jones
8	Cleveland, Ohio	April 17–19, 1888	*J. T. Fanning
9	Louisville, Ky.	April 16–18, 1889	*A. N. Denman
10	Chicago, Ill.	May 20–24, 1890	*John H. Decker
11	Philadelphia, Penna.	May 14–17, 1891	*William Benedict Bull
12	New York, N. Y.	May 17–19, 1892	*John M. Diven
13	Milwaukee, Wis.	Sept. 5–9, 1893	*G. H. Benzenberg
14	Minneapolis, Minn.	Aug. 21–23, 1894	James Peter Donahue
15	Atlanta, Ga.	May 28–30, 1895	*William Ryle
16	Indianapolis, Ind.	May 26–28, 1896	*William G. Richards
17	Denver, Colo.	June 8–10, 1897	*F. A. W. Davis
18	Buffalo, N. Y.	June 14–18, 1898	*John Caulfield
19	Columbus, Ohio	May 16–19, 1899	*Joseph A. Bond
20	Richmond, Va.	May 15–18, 1900	*R. M. Clayton
21	New York, N. Y.	June 17–22, 1901	*Charles E. Bolling
22	Chicago, Ill.	June 10–13, 1902	*William R. Hill
23	Detroit, Mich.	June 23–26, 1903	*Charles H. Campbell
24	St. Louis, Mo.	June 6–11, 1904	*L. N. Case
25	West Baden, Ind.	May 9–12, 1905	*Morris R. Sherrerd
26	Boston, Mass.	June 26–30, 1906	*Benjamin C. Adkins
27	Toronto, Ont.	June 17–21, 1907	*Dabney H. Maury
28	Washington, D. C.	May 11–16, 1908	*George H. Felix
29	Milwaukee, Wis.	June 7–12, 1909	*D. W. French
30	New Orleans, La.	April 25–29, 1910	*William Pitt Mason
31	Rochester, N. Y.	June 5–10, 1911	John Watson Alvord
32	Louisville, Ky.	June 3–7, 1912	*Alexander Milne
33	Minneapolis, Minn.	June 23–27, 1913	*Dow R. Gwinn
34	Philadelphia, Penna.	May 11–15, 1914	Robert J. Thomas
35	Cincinnati, Ohio	May 10–14, 1915	George Goodell Earl
36	New York, N. Y.	June 5–9, 1916	*Nicholas Snowden Hill, Jr.
37	Richmond, Va.	May 7–11, 1917	*Leonard Metcalf
38	St. Louis, Mo.	May 13–17, 1918	Theodore A. Leisen
39	Buffalo, N. Y.	June 9–13, 1919	Charles R. Henderson

*Deceased.

40	Montreal, Que.	June	21–25, 1920	Carleton E. Davis
41	Cleveland, Ohio	June	6–10, 1921	Beekman C. Little
42	Philadelphia, Penna.	May	15–19, 1922	Edward Bartow
43	Detroit, Mich.	June	21–25, 1923	*Willard S. Cramer
44	New York, N. Y.	May	19–23, 1924	*George W. Fuller
45	Louisville, Ky.	Apr. 27–May 1,	1925	Frank C. Jordan
46	Buffalo, N. Y.	June	7–11, 1926	*Harry F. Huy
47	Chicago, Ill.	June	6–11, 1927	Allan W. Cuddeback
48	San Francisco, Calif.	June	11–15, 1928	James E. Gibson
49	Toronto, Ont.	June	24–28, 1929	William W. Brush
50	St. Louis, Mo.	June	2–6, 1930	Jack J. Hinman, Jr.
51	Pittsburgh, Penna.	May	25–29, 1931	George H. Fenkell
52	Memphis, Tenn.	May	2–6, 1932	Ross L. Dobbin
53	Chicago, Ill.	June	12–16, 1933	George W. Pracy
54	New York, N. Y.	June	4–8, 1934	Malcolm Pirnie
55	Cincinnati, Ohio	May	6–10, 1935	Harry E. Jordan
56	Los Angeles, Calif.	June	8–12, 1936	Frank A. Barbour
57	Buffalo, N.Y.	June	7–11, 1937	William W. Hurlbut
58	New Orleans, La.	April	24–28, 1938	Eugene F. Dugger

*Deceased

HONORARY AWARDS

(The members listed below are also included in the consolidated list of members)

HONORARY MEMBERSHIP

Honorary Membership in the American Water Works Association is provided for in the By-Laws of the Association, Article I, Sections 1 and 2. The method of the election of Honorary Members is stated in the By-Laws, Article II, Section 1. The presentation of Honorary Memberships usually takes place during the Annual Convention of the Association. The present Honorary Members of the Association, with the year of their election to such membership, are as follows:

John Watson Alvord	1930
Moses Nelson Baker	1936
Edward Bartow	1936
Thomas Brooks	1937
William Whitlock Brush	1937
Ross Leonard Dobbin	1937
James Peter Donahue	1925
George Goodell Earl	1926
Charles Robert Henderson	1936
Ralph Waldo Lawton	1938
Theodore Alfred Leisen	1938
Daniel Webster Mead	1930
William Penn Molis	1935
Denis Francis O'Brien	1935
William John Orchard	1937
William Marshall Rapp	1937
Jesse Shaw	1935
Arthur Newell Talbot	1930
Robert Joseph Thomas	1926
James Lawrence Tighe	1926
Edward Everett Wall	1936
Robert Spurr Weston	1930

THE JOHN M. DIVEN MEMORIAL MEDAL

The John M. Diven medal was established by the Association in 1925 in memory of John M. Diven, a water works superintendent of many years experience and who served as the Association's President in 1892, Vice President 1887–89, Treasurer 1890–91, 1903–13, Secretary 1890–91, 1903–23, and Editor 1914–16.

The award is made each year to the member who has rendered the most outstanding service to the Association during the year, as

determined by a committee appointed for the purpose and whose report is subject to ratification by the Board of Directors. The medal is a bronze plaque bearing the likeness of Mr. Diven.

George Warren Fuller	1926
Arthur Ellsworth Gorman	1927
Willard Samuel Cramer	1928
James Edwin Gibson	1929
Ross Leonard Dobbin	1930
Malcolm Pirnie	1931
William Whitlock Brush	1932
Samuel Brooks Morris	1933
Leonard Percy Wood	1934
Linn Harrison Enslow	1935
Harry Edward Jordan	1936
Abel Wolman	1937
William Curtis Mabee	1938

THE JOHN M. GOODELL PRIZE

The John M. Goodell prize was established in 1931 under the terms of an endowment by Engineering News-Record magazine and as a memorial to John M. Goodell, a former editor of Engineering News-Record and the editor of the American Water Works Association Journal 1917–21.

The prize is awarded annually to the member who has made the most notable contribution to the science or practice of water works development, usually as recorded in the form of a paper published in the Association's Journal. The selection is made by a committee appointed for that purpose and whose report is subject to ratification by the Board of Directors. The prize consists of an engraved certificate and the cash resulting from that year's income of the endowment, usually at least fifty dollars.

John Robert Baylis	1932
Charles Herbert Spaulding	1933
Willard Townshend Chevalier	1934
Frank Eugene Hale	1935
Mathew Michael Braidech	1936
Laurance Edward Goit, Harry Hayes — Jointly	1937
Vance Christopher Lischer	1938

THE NICHOLAS S. HILL, JR., CUP

The Nicholas S. Hill, Jr., cup is an award which was established by Past President Nicholas S. Hill, Jr., during his term of office in 1915–16. It is awarded at each Annual Convention to that Local Section of the Association which has made the largest percentage gain in membership during the year.

Under the original terms of the award the cup was to become the permanent possession of the Section which first won it for three successive years. This was first accomplished by the Minnesota Section, but due to the unusual conditions then prevailing as a result of the war the Section returned the cup for continued competition. When the North Carolina Section won the cup for the third successive year in 1924 the Section returned it to the Association with the stipulation that no Section should again win it permanently. The names of the winning Sections are engraved upon the cup.

Canadian Section	1916
Minnesota Section	1917–'18–'19
Canadian Section	1920
Central States Section	1921
North Carolina Section	1922–'23–'24
California Section	1925–'26
Florida Section	1927–'28
Pacific Northwest Section	1929
Southeastern Section	1930
Pacific Northwest Section	1931
California Section	1932
Montana Section	1933
Canadian Section	1934
Virginia Section	1935
Rocky Mountain Section	1936
Indiana Section	1937
Michigan Section	1938

THE FRANKLIN HENSHAW CUP

The award of the Franklin Henshaw Cup was established in 1934 as the result of a gift to the Association by Mr. Franklin Henshaw. At each Annual Convention this cup is awarded, for one year, to that Local Section which has held the best attended meeting during the year past. The attendance figure is computed by a formula which gives weight both to the proportion of the Section members present and to the number of guests at the meeting.

Montana Section	1935
Montana Section	1936
Indiana Section	1937
Pacific Northwest Section	1938

CONSOLIDATED LIST OF MEMBERS

This single list includes the members of all grades,—Honorary, Active, Corporate, Associate and Junior,—and Affiliates, all arranged alphabetically. The listing is correct as of June 1, 1938, including all those whose applications were received up to that date.

For separate listings of Honorary Members, see page 10.
Corporate Members, see page 136.
Associate Members, see page 140.

The date given in parentheses for each member is the date of first joining the Association. Corporate, Associate and Junior members and Affiliates are so designated with the dates, as (Corp. M., ——), (Assoc. M., ——), (Jr. M., ——) and (Affil., ——).

The year given with the offices which members have held is, in general, the year of the convention during which the member served.

There are 33 Active members listed in this book who are not included in any of the numerical totals. These are the members who presented applications during the convention in April under the special arrangement for so doing, and which required dues payment for but the second half of 1938.

Summary of Membership, June 1, 1938

Honorary Members	22
Active Members	2,753
Corporate Members	276
Associate Members	181
Junior Members	1
Affiliates	2
Total	3,235

ABBOTT, CARROLL B., Pres., Water Works Supply Co., 501 Howard St., San Francisco, Calif. (May '22)

ABBOTT, G. H., Treas. & Supt., Southbridge Water Supply Co., Southbridge, Mass. (May '12)

ABBS, JOHN, Foreman in charge of Meter Shop, Rochester Water Works, Dewey Ave. & Bloss St., Rochester, N. Y. (July '35)

ABELL, D. S., Asst. Engr., State Board of Health, Raleigh, N. C. (Nov. '32)

ABPLANALP, C. C., Wallace & Tiernan Co., Inc., 809 W. Washington Blvd., Chicago, Ill. (Mar. '31)

ABRAHAM, CHAS. P., Supt., Bureau of Water, Municipal Bldg., Lancaster, Pa. (May '30)

ABRAMS, M. F., Wailes Dove-Hermiston Corp., 17 Battery Place, New York, N. Y. (Oct. '37)

ACKERMAN, J. WALTER, Chief Engr. & Gen. Supt., Consolidated Water Co., Utica, N. Y. (Feb. '10) *Trustee '30. Director '31, '32.*

ACRES, H. G., Pres., H. G. Acres & Co., Cons. Engrs., Main & Ferry Sts., Niagara Falls, Ont., Can. (June '27)

ACTIVATED ALUM CORP., Fred E. Stuart, Pennington Ave. at Aspen St., Curtis Bay, Baltimore, Md. (Assoc. M. Jan. '37)

ADAM, HARRY, Mgr., P. O. Box 680, Calcutta, India (Oct. '35)

ADAMS, ALTON D., Cons. Engr., 15 Abbott St., Wellesley, Mass. (Sept. '12)

ADAMS, ARTHUR J. (See Auburn Water Dept.)

ADAMS, CLARENCE D., Chemist in Charge of Filtration, Public Service Co. of Indiana, P. O. Box 307, New Albany, Ind. (Jan. '35)

ADAMS, F. P., Mgr., Water Works, Brantford, Ont., Can. (Dec. '30)

ADAMS, HOWARD J., Engr., Illinois Water Service Co., 122 N. Walnut St., Champaign, Ill. (Jan. '38)

ADAMS, JOHN M., Water Supt. & City Engr., Bellingham, Wash. (Jan. '36)

ADAMS, REGINALD B., Chemist & Bacteriologist, Pennsylvania Water Co., 712 South Ave., Wilkinsburg, Pa. (June '30)

ADDRESSOGRAPH-MULTIGRAPH CORP., W. K. Page, Vice-Pres., Euclid Branch P. O., Cleveland, O. (Assoc. M. Jan. '35)

ADIRONDACK WATER WORKS, H. N. Haberer, Lowville, N. Y. (Corp. M. Jan. '23)

AERYNS, ALBERT N., 716 Greenwood Ave., Brooklyn, N. Y. (Jan. '15)

AGA, A. K., Engr., Jharia Water Board, Engineer's Bungalow, Dhaya, P. O. Dhanbad, Manbhum, India (Jan. '35)

AHRENS, H. C. (See Winona Board of Municipal Works)

ALARCON, DOMINGO GUEVARA, Chief Engr. of Junta Federal De Mejoras Materiales de Veracruz, Edificio Aduana Maritima, Veracruz, Ver., Mexico (Jan. '38)

ALBERT, J. E., Vice Pres., Bartlesville Water Co., 12 N. 3rd St., Columbus, O. (Feb. '29)

ALDRICH, ELLWOOD H., 7716 Austin St., Forest Hills, N. Y. (July '35)

ALE, H. S., Supt., Bureau of Water, City Hall, Altoona, Pa. (Mar. '33)

ALEXANDER, CARL, Tubize Chatillon Corp., Rome, Ga. (Mar. '33)

ALEXANDER, C. O. (*See* Ames Water Department)

ALEXANDER, LOUIS J., Southern California Water Co., 950 Bendix Bldg., 12th & Maple Sts., Los Angeles, Calif. (Oct. '37)

ALEXANDER, R. C., Mgr., Water Company, Centerville, Iowa (July '20)

ALFKE, CHARLES J., Mgr., Hackensack Water Co., 624 Park Ave., Weehawken, N. J. (Mar. '25)

ALLAN, LAWRENCE F., City Hall, Room 320, Toronto, Ont., Can. (June '29)

ALLEN, BERNARD, MGR., Blytheville Water Co., Blytheville, Ark. (Apr. '37)

ALLEN, HENRY A., Cons. Engr., Suite 1421, 205 Wacker Drive, Chicago, Ill. (Jan. '27)

ALLEN, HOYT E., Supt., Municipal Service, Wyandotte, Mich. (July '29)

ALLEN, LLOYD, JR., Surveyor & Draftsman, 625 So. Berendo St., Los Angeles, Calif. (Apr. '38)

ALLEN, O. H., Mansfield, Ark. (Apr. '36)

ALLEN, R. N., Commissioner of Public Utilities, Shreveport, La. (July '35)

ALLENTOWN BUREAU OF WATER, Wm. R. Schnabel, Supt. & Engr., City Hall, Allentown, Pa. (Corp. M. May '22)

ALLGEYER, JOHN, Supt., Filter Plant, Water Div., 34 E. Grand Blvd., St. Louis, Mo. (July '27)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. (Assoc. M. June '05)

ALLISON, ALEXANDER, JR., Designing Engr., Sewerage & Water Board of N. O., 526 Carondelet St., New Orleans, La. (July '37)

ALPERS, FRANK H., Supt., Water Company, Cimarron, N. M. (Oct. '19)

ALTOBERRO, JUAN CARLOS, Ingeniero, 2029, Charrua St., Montevideo, Uruguay, S. A. (May '28)

ALVORD, JOHN W., 210 Sterling Ave., Winter Park, Fla. (Apr. '99) *Hon. Member '30. President '11. Vice Pres. '09, '10. Exec. Comm. '12.*

AMBURSEN CONSTRUCTION CO., INC., 295 Madison Ave., New York, N. Y. (Assoc. M. Jan. '21)

AMERICAN BRASS CO., Sales Dept., Waterbury, Conn. (Assoc. M. Aug. '22)

AMERICAN CAST IRON PIPE CO., P. O. Boxes 151–152, Birmingham, Ala. (Assoc. M. July '07)

AMERICAN CITY, THE, 470 Fourth Ave., New York, N. Y. (Assoc. M. May '18)

AMERICAN COLLOID CO., 363 W. Superior St., Chicago, Ill. (Assoc. M. Apr. '38)

AMERICAN CONCRETE PIPE ASSOC., 33 W. Grand Ave., Chicago, Ill. (Assoc. M. Oct. '17)

AMERICAN CYANAMID & CHEMICAL CORP., 30 Rockefeller Plaza, New York, N. Y. (Assoc. M. June '06)

AMERICAN FOUNDRY & MFG. CO., 1015 Hebert St., St. Louis, Mo. (Assoc. M. May '08)

AMERICAN ROLLING MILL CO., R. C. Beam, Culvert & Pipe Sales Div., Middletown, O. (Assoc. M. Jan. '27)

AMERICAN WATER SOFTENER CO., Lehigh Ave. & Fourth St., Philadelphia, Pa. (Assoc. M. July '23)

AMERICAN WATER WORKS & ELECTRIC CO., INC., H. Hobart Porter, Ch. of Board, 50 Broad St., New York, N. Y. (Corp. M. June '15)

AMES, CLARENCE F., Supt., New York Water Service Corp., Norwich, N. Y. (Mar. '18)

AMES, JEREMIAH L., Chief Engr., Western New York Water Co., 11 Niagara St., Buffalo, N. Y. (Nov. '22)

AMES WATER DEPT., C. O. Alexander, Water Works Supt., Ames, Iowa (Corp. M. Jan. '37)

AMISS, THOMAS L., Supt., Water & Sewerage, Shreveport, La. (May '18)

AMSBARY, FRANK C., JR., Supt., Illinois Water Service Co., Champaign, Ill. (June '09)

ANACONDA COPPER MINING CO., Water Works Dept., H. M. Johnson, P. O. Box 548, Anaconda, Mont. (Corp. M. June '10)

ANDERSON, A. E. (See Moline Water Works)

ANDERSON, A. L., Senior Civil Engr., Chief of San. & Hydr. Section, Construction Service, War Dept., Falls Church, Va. (Nov. '25)

ANDERSON, CITY OF, Paul C. Laux, City Chemist, Anderson, Ind. (Corp. M. Jan. '35)

ANDERSON, CLARENCE S., Supt. of Public Works, Mun. of Twp. of Tisdale, South Porcupine, Ont., Canada (Apr. '38)

ANDERSON, E. D. (See Northern Indiana Public Service Co.)

ANDERSON, FRANK D., Gen'l. Meter Foreman, 3148 So. Sacramento Ave., Chicago, Ill. (Apr. '38)

ANDERSON, G. E., Mgr., Crane Co., 201 Church St., Buffalo, N. Y. (Apr. '37)

ANDERSON, L. M., Controller, Dept. of Water & Power, 207 So. Broadway, Los Angeles, Calif. (Nov. '24)

ANDERSON, MILTON, Junior Civil Engr., Los Angeles Dept. of Water & Power, 10831 Acama St., North Hollywood, Calif. (Oct. '34)

ANDERSON, S. T., 547 S. Park Ave., Springfield, Ill. (July '35)

ANDREWS, A. I., Sales Engr., Wallace & Tiernan Co., 416 Flour Exchange Bldg., Minneapolis, Minn. (Oct. '37)

ANDREWS, LEWIS P., Pres. & Mgr., Sedalia Water Co., Sedalia, Mo. (Apr. '09)

ANDREWS, ROBERT E., National Board Fire Underwriters, 1014 Merchants Exchange Bldg., San Francisco, Calif. (June '13)

ANGLE, C. F., Supt. of Water Purif., Tubize Chatillon Corp., Rome, Ga. (Jan. '38)

ANGUS, ROBERT W., Prof. of Mech. Engineering, University of Toronto, Toronto, Ont., Can. (Feb. '17)

ANHEUSER-BUSCH, INC., G. W. Frieberg, Chief Bacteriologist, 721 Pestalozzi St., St. Louis, Mo. (Corp. M. Apr. '38)

ANKENER, RICHARD, Asst. Engr., Dept. of Water Supply, Gas & Elect., 140 12th Ave., Long Island City, N. Y. (Oct. '22)

ANN ARBOR WATER DEPT., H. H. Caswell, City Hall, Ann Arbor, Mich. (Corp. M. Apr. '19)

ANTHONY, SIDNEY S., Augusta Water Dist., Augusta, Me. (Apr. '36)

APPLEBAUM, SAMUEL B., C.E., San. Engr., 330 W. 42nd St., New York, N. Y. (Apr. '16)

AQUATITE COMPANY, INC. 11021 Acama St., P. O. Box 68, North Hollywood, Calif. (Assoc. M. May '27)

ARCHER, ELMER T., Cons. Engr., New England Bldg., Kansas City, Mo. (May '18)

ARCHIBALD, J. G., Supt., Water Works System, Woodstock, Ont., Can. (Feb. '21)

ARENANDER, CARL A., 587 Summer Ave., Newark, N. J. (Oct. '35)

ARGENTINA, OBRAS SANITARIAS DE LA NACION, Biblioteca, Ing. Don Ludovico Ivanissevich, Charcas 1840, Buenos Aires, R. Argentina (Corp. M. Jan. '26)

ARLEDGE, JNO. L., Supt., Water Works, Box 326, Hattiesburg, Miss. (Apr. '38)

ARMSTRONG, C. G. R., Cons. Engr., Bartlet Bldg., Suite 605-6, Windsor, Ont., Can. (May '34)

ARMSTRONG, JAMES W., Filtration Engr., City Water Dept., Lake Montebello, Hillen Rd., Baltimore, Md. (Mar. '10)

ARMSTRONG, KENNETH C., Supt. of Water Works, Empresas Publicas Municipales, Barranquilla, Colombia (Dec. '24)

ARMSTRONG, ROGER W., 136 Hicks St., Brooklyn, N. Y. (Apr. '16)

ARNOLD, GERALD E., Chief Water Purif. Engr., San Francisco Water Dept., Millbrae, Calif. (Sept. '33)

ARNOLD, HALL, Supt., Municipal Light & Water, Madisonville, Ky. (Mar. '32)

ARNOLD, ROY N., Supt., Water Dept., Whitefish, Mont. (July '35)

ARNOLD, WILLIAM L., Auditor, California Water & Telephone Co., 2130 Huntington Dr., San Marino, Calif. (July '33)

ART CONCRETE WORKS, P. O. Box 417, Pasadena, Calif. (Assoc. M. Dec. '20)

ASHFORD, F. J., City Clerk, Box 1040, Swift Current, Sask., Can. (Jan. '37)

ASHLINE, ROBERT R., Electrolysis Engr., Bur. of Water Works & Supply, 510 E. 2nd St., Los Angeles, Calif. (Oct. '35)

ATKINSON, ASHER, City Engr., 49 Mine St., New Brunswick, N. J. (Mar. '22)

ATKINSON, GEORGE E., City Engr., Havre, Mont. (Jan. '35)

ATLAS MINERAL PRODUCTS CO. OF PA., Mertztown, Pa. (Assoc. M. May '26)

ATLAS POWDER CO., Delaware Trust Bldg., Wilmington, Del. (Assoc. M. Jan. '37)

ATTERSALL, CHARLES F., Supt., Water Works, Winchester, Ky. (June '10)

AUBURN WATER DEPT., Arthur J. Adams, Memorial City Hall, Auburn, N. Y. (Corp. M. Mar. '11)

AULTMAN, WILLIAM W., Asst. Engr., Metropolitan Water District of So. Calif., 306 W. Third St., Los Angeles, Calif. (Jan. '36)

AUSTIN BOARD OF WATER, ELECTRIC, GAS & POWER COMMISSIONERS, Carroll L. Elliott, Supt., 419 E. Water St., Austin, Minn. (Corp. M. July '35)

AUSTIN, RALPH D., City Engr., Supt. Water, City Hall, Little Falls, N. Y. (Apr. '38)

AUSTIN, R. N., 7 Rosedale Rd., Toronto, Ont., Can. (May '25)

AVRETT, W. L., JR., Georgia State Dept. of Public Health, State Capitol, Atlanta, Ga. (Apr. '36)

AYERS, CHARLES E., Supt., Hillsboro Municipal Water Works, Box 177, Hillsboro, Ohio (Jan. '37)

AYERS, EDWARD (*See* Montgomery Board of Water Comnrs.)

AYLIFFE, ORA C., Supt. of Filtration, 1429—7th St., S., Fargo, N. D. (July '37)

AYRES, LOUIS E., C.E., B.S., Ayres, Lewis, Norris & May, Cornwell Bldg., Ann Arbor, Mich. (Nov. '16)

BAALS, HARRY W., Mayor of City of Fort Wayne, City Hall, Fort Wayne, Ind. (Jan. '35)

BABBITT, HAROLD E., Prof. of San. Engineering, Univ. of Illinois, 204 Engineering Hall, Urbana, Ill. (June '16) *Director '37–'39.*

BABCOCK & WILCOX CO., THE, J. B. Romer, Barberton, O. (Assoc. M. May '24)

BACHARACH, E. W., Pres., E. W. Bacharach & Co., 616–17 Rialto Bldg., Kansas City, Mo. (Apr. '24)

BACHMANN, FRANK, Dorr Co., Inc., La Salle-Wacker Bldg., Room 1838, Chicago, Ill. (Feb. '15)

BADGER, H. F., Secretary, Board of Fire Und. of the Pacific, 914 Merchants Exchange Bldg., San Francisco, Calif. (Aug. '25)

BADGER METER MFG. CO., 841–7—30th St., Milwaukee, Wis. (Assoc. M. June '04)

BAHLMAN, CLARENCE, Water Purif. Supervisor, Cincinnati Filtration Plant, California, O. (Feb. '22)

BAILEY, HAROLD M., City Engr., City Hall, Yorkton, Sask., Can. (Jan. '37)

BAIN, ERNEST B., 120 New Bern Ave., Raleigh, N. C. (June '04)

BAILEY, WM. T., Chemist, City Water Dept., Broadway Pumping Station, Council Bluffs, Ia. (Jan. '32)

BAITY, H. G., Prof. of San. & Munic. Engineering, Univ. of North Carolina, Chapel Hill, N. C. (May '23)

BAKER, ARTHUR (See La Porte Water Works)

BAKER, DONALD M., Cons. Engr., 1645 Vineyard Ave., Los Angeles, Calif. (Oct. '34)

BAKER, G. H. (See North York, Township of)

BAKER, HAROLD J. (See Fishers Island Farms, Inc.)

BAKER, HAROLD W., City Mgr., Rochester, N. Y. (Jan. '22)

BAKER, M. N., 53 Oakwood Ave., Upper Montclair, N. J. (June '03) *Hon. Member '36.*

BALDWIN, F. O., Supt., Water Purif. Plant, Westover Hills, Richmond, Va. (May '22)

BALDWIN, ROBERT LEE, Burns & McDonnell Engineering Co., 107 W. Linwood Blvd., Kansas City, Mo. (Nov. '25)

BALDWIN, ROBERT T., Secy., Chlorine Institute, Inc., 50 E. 41st St., New York, N. Y. (July '24)

BALDWIN, T. H., City Engr., Cheyenne, Wyo. (May '34)

BALL, EDMUND BRUCE, Eldo House, Monkton, Prestwick, Scotland (Jan. '24)

BALL, EDWARD, Supt., Municipal Water Works, Bracebridge, Ont., Can. (Jan. '36)

BALLARD, E. L., Res. Engr., Eastern, Underwriters Inspection Bureau, 68 Beverly Rd., Buffalo, N. Y. (Apr. '37)

BALLARD, JAMES I., Editor, Western Const. News, 333 Kearny St., San Francisco, Calif. (Oct. '37)

BALLOU, AUTHUR FRANCIS, Engr. National Board of Fire Underwriters, 85 John St., New York, N. Y. (Aug. '24)

BAMFORD, J. H., Supt., Water Dept., Dayton, Wash. (Jan. '37)

BANK, WILLIAM G., Div. Engr., Div. of Water, Newark, N. J. (Dec. '19)

BANKS, T. G., Civil Engr., 538 Liberty National Bank Bldg., Oklahoma City, Okla. (Oct. '34)

BANKSON, ELLIS E., The Chester Engineers, 6562 Bartlett St., Pittsburgh, Pa. (July '22)

BANTZ, BURWELL, Lewis County Engr., Chehalis, Wash. (Jan. '35)

BARBEE, EDWIN W., Water Purif. Engr., 117 Conrad St., San Francisco, Calif. (Jan. '36)

BARBER, W. J., Asst., Metropolitan Utilities Water Dept., Utilities Bldg., Omaha, Neb. (Jan. '38)

BARBOUR, FRANK A., Hyd. & San. Engr., 1120 Tremont Bldg., Boston, Mass. (May '06) *President '36. Director '33–'35, '37.*

BARDWELL, C. M., 2201 Fairfax St., Denver, Colo. (July '26)

BARDWELL, R. A., Service Engr. & Water Chemist, 8048 S. Carpenter St., Chicago, Ill. (Jan. '38)

BARDWELL, R. C., Supt., Water Supply, Chesapeake & Ohio Railroad Co., Richmond, Va. (Nov. '16)

BARKER, J. R., Pacific Coast Mgr., Neptune Meter Co., 320 Market St., San Francisco, Calif. (June '26)

BARNES, CHARLES E., Supt., Elwood Water Co., Elwood, Ind. (Jan. '37)

BARNES, GEORGE E., Prof. of Hyd. & San. Engineering and Head Dept. of Civil Engineering, Case School of Applied Science, Cleveland, O. (Jan. '36)

BARRETT CO., THE, George B. McComb, 40 Rector St., New York, N. Y. (Assoc. M. Jan. '37)

BARRICK, M. J., Dist. Engr., Pennsylvania Dept. of Health, 724 First Ave., Williamsport, Pa. (Feb. '24)

BARRIE WATER, LIGHT & GAS COMMISSION, George F. Smith, Supt., Water Dept., P. O. Box 334, Barrie, Ont., Can. (Corp. M. July '35)

BARRON, A. F., 59 E. Van Buren St., Chicago, Ill. (Sept. '28)

BARRY, DAVID, Engr., National Defence, Canadian Bldg., Ottawa, Ont., Can. (Dec. '33)

BARSTOW, EUGENE D., San. Engr., Barstow & Le Feber, Inc., 31 N. Summit St., Akron, O. (Jan. '36)

BARTH, J. ARTHUR, Managing Clerk, Rochester Water Works, 14 City Hall, Rochester, N. Y. (July '35)

BARTLETT, TERRELL, The Terrell Bartlett Engineers, Smith-Young Tower, San Antonio, Tex. (June '23)

BARTON, CLIFFORD, Supt. of Water, Forrest City, Ark. (Jan. '36)

BARTON, HARRY, Supt., Pittsburgh Suburban Water Service Co., 11 Meade Ave., Bellevue, Pa. (Dec. '28)

BARTOW, EDWARD, Prof. of Chemistry & Chemical Engineering, State Univ. of Iowa, Iowa City, Ia. (June '06) *Hon. Member '36. President '22. Vice-Pres. '21. Trustee '14, '15. Exec. Comm. '23, '24.*

BARTUSKA, JAMES F., Supt., Water Dept., 1629 Cleveland Ave., Whiting, Ind. (Oct. '24)

BARWELL, FRED (See Merritton Public Utilities Commission)

BASOM, G. E., Supt., Water & Light Comm., Fairmont, Minn. (June '27)

BASSETT, CARROL P., C.E., Summit, N. J. (Oct. '09)

BASSETT, CHARLES K., M.E., Buffalo Meter Co., 2917 Main St., Buffalo, N. Y. (June '21)

BASSETT, GEO. B., C.E., 691 W. Ferry St., Buffalo, N. Y. (Apr. '09)

BATAVIA, CITY OF, Floyd A. Emery, Supt. of Water, City Hall, Box 358, Batavia, N. Y. (Corp. M. Apr. '37)

BATES, FRANCIS (See Vernon, City of)

BATES, RALPH D., State Dept. of Health, 65 Court St., Buffalo, N. Y. (Feb. '21)

BATES, R. W., Water Dept. City of Burbank, 1010 N. Olive Ave., Burbank, Calif. (Oct. '37)

BATON ROUGE WATER WORKS CO., H. P. Connell, Sect.-Treas., P. O. Box 626, Baton Rouge, La. (Corp. M. Apr. '14)

BATON, WARREN U. C., Chief Analyst, 528 S. Lang Ave., Pittsburgh, Pa. (Apr. '09)

BATY, J. BERNARD, San. Engr., Technical Service Dept., Pennsylvania Salt Mfg. Co., 809 Atlantic Ave., Trenton, N. J. (Apr. '37)

BAUER, L. G., Foreman, Meter Dept., San Francisco Water Dept., 4789 Nineteenth St., San Francisco, Calif. (Mar. '31)

BAUMGARTNER, WILLIAM H., Engr., Sales Technologist Div., E. I. Du Pont de Nemours & Co., Grasselli Chemicals Dept., Wilmington, Del. (Jan. '36)

BAXTER, GEORGE, Depute City Water Engr., Edinburgh Corporation Waterworks, 29 Waterloo Place, Edinburgh, Scotland (Jan. '38)

BAYERD, FORREST G., Water Comm., Dillon Water Works, City Hall, Dillon, Mont. (July '34)

BAYLEY, EDGAR A., Engr. of Surveys, Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (June '28)

BAYLIS, JOHN R., Physical Chemist, Bur. of Engineering, 1643 E. 86th St., Chicago, Ill. (Oct. '15) *Goodell Prize '32.*

BEACHAM, J. G., City Engr. & Supt. of Water Works, Athens, Ga. (Dec. '30)

BEAL, R. B., Pres., The Flox Co., 1409 Willow St., Minneapolis, Minn. (June '27)

BEAN, ELWOOD L., New England Water, Light & Power Associates, 50 Potter St., Cranston, R. I. (Apr. '28)

BEAN, GEORGE L., Civil Engr., 201 N. Broad St., Philadelphia, Pa. (Dec. '13)

BEARDSLEY, H. M. (See Elmira Water Board)

BEASLEY, C. B., Sales Mgr., W. S. Dickey Clay Mfg. Co., Birmingham, Ala. (July '37)

BEATTY, EARL E., 8186 Livernois Ave., Detroit, Mich. (Jan. '38)

BECHERT, C. H. (See Indiana Dept. of Conservation)

BECK, A. N., Asst. San. Engr., Bur. of Sanitation, State Dept. of Public Health, Montgomery, Ala. (Apr. '38)

BECKER, CHARLES H., Mgr. Hydrant & Valve Dept., R. D. Wood Co., 400 Chestnut St., Philadelphia, Pa. (Aug. '27) *Director '37–'39.*

BECKER, ELMER W., Senior Engr., Milwaukee Water Works, 2867 N. 72nd St., Milwaukee, Wis. (Jan. '36)

BECKETT, R. C., State San. Engr., Dover, Del. (Sept. '24)

BECKETT, ROSS L. (See Brantford Public Utilities Commission)

BECKWITH, HOMER E., Dist. Mgr., The Pitometer Co., 2014 Mulberry St., Harrisburg, Pa. (Apr. '29)

BEENY, RAYMOND, Sect.-Treas., California Water Service Co., Federal Reserve Bank Bldg., San Francisco, Calif. (Oct. '31)

BEHRMAN, A. S., Chemical Director, International Filter Co., 59 E. Van Buren St., Chicago, Ill. (Feb. '25)

BELANGER, RAPHAEL, C. E., City Engr., Valleyfield, Que., Can. (Jan. '34)

BELL, ALEXANDER, Pacific Coast Mgr., Wallace & Tiernan Co., Inc., 171 Second St., San Francisco, Calif. (Nov. '32)

BELL, E. ARTHUR, Borough Engr., Essex Fells, N. J. (July '37)

BELL, H. K., Civil Engr., 372 Transylvania Park, Lexington, Ky. (Jan. '24)

BELL, HOWARD F., Civil Engr., Cody, Wyo. (Jan. '30)

BELL, W. W., Northeastern Water & Elec. Serv. Corp., 150 Broadway, New York, N. Y. (July '35)

BELL, WILLARD J., Engr., Wallace & Tiernan Co., Inc., 614 Flour Exchange Bldg., Minneapolis, Minn. (May '30)

BELLENGER, IRA W., Supt. Water Works, Phoenix, Ariz. (Jan. '38)

BELLEVILLE PUBLIC UTILITIES COMMISSION, Oswald H. Scott, Gen. Mgr., 277 Front St., Belleville, Ont., Can. (Corp. M. Apr. '34)

BELTZ, JOHN H., Bell & Beltz, Inc., Chemists, 3340 N. Broad St., Philadelphia, Pa. (Jan. '36)

BELYEA, JOHN F., Pres., Gordon & Belyea Ltd., 101 Powell St., Vancouver, B. C., Can. (Mar. '34)

BENDER, R. W., Asst. Supt., Water Dept., 2420 Birdsall St., Blue Island, Ill. (Apr. '34)

BENEDICT, SYDNEY J., Asst. Engr., Bur. of Water, 209 City Hall, Portland, Ore. (Dec. '28)

BENNETT, BOYD A., Pres., Northeastern Water & Electric Service Corp., 150 Broadway, New York, N. Y. (Jan. '37)

BENNETT, HAROLD, Dept. of Water & Power, 3532 Madera Ave., Los Angeles, Calif. (Oct. '34)

BENNETT, RICHARD, Asst. Supt., Water Dept., 80 W. Willetta St., Phoenix, Ariz. (Apr. '29)

BENNETT, SCHUYLER M., Chief Operator, Reclamation Plant, Los Angeles Dept. of Water & Power, 3004 Petite Court, Los Angeles, Calif. (Oct. '32)

BENTON, L. J., Supt., Water & Light Dept., Fremont, N. C. (Dec. '23)

BERGMAN, LEONARD A., Dir. of Water, City Hall, Buffalo, N. Y. (Jan. '38)

BERGSTROM, JOHN, Civil Engr., Kungsbroplauh, Stockholm, Sweden (Dec. '28)

BERKEBILE, H. F., Supt., Rockwood Water Co., Rockwood, Pa. (July '35)

BERKEY, FRED L., Supt., Water Dept., Tillamook, Ore. (Mar. '31)

BERNARD CO., INC., S. M. Lemarie, Sales Mgr., 829 Union St., New Orleans, La. (Corp. M. July '37)

BERNARD, HUNTER C., Chemist, Brunner, Mond Canada, Ltd., Amherstburg, Ont., Can. (Jan. '35)

BERNER, G. T., Asst. Sales Mgr., Anaconda American Brass, Ltd., New Toronto, Ont., Can. (Jan. '37)

BERNHAGEN, LEWIS O., Director of Sanitation, City Hall, Beaumont, Tex. (Mar. '17)

BERRY, ALBERT E., Director, Sanitary Engineering Div., Ontario Dept. of Health, 235 Gainsborough Rd., Toronto, Ont., Can. (June '20) *Director '38, '39–.*

BERRY, C. RADFORD, 1215 N. Second St., Harrisburg, Pa. (June '34)

BERRY, F. R., Engr., Amer. Water Works & Electric Co., 50 Broad St., New York, N. Y. (Apr. '23)

BESOZZI, LEO, 52 Ruth St., Hammond, Ind. (May '34)

BESSELIEVRE, EDMUND B., Room 709, Edificio Volta, Avenida R. S. Pena 832, Buenos Aires, R. Argentine (Oct. '19)

BESTERMAN, J. S. (See Sewickley Commissioners of Water Works)

BETHLEHEM STEEL CO., J. A. Nelson, Engr., Bethlehem, Pa. (Assoc. M. June '24)

BETZ, L. DREW, Chem. Engr., W. H. & L. D. Betz, 235 W. Wyoming Ave., Philadelphia, Pa. (Apr. '29)

BEVAN, LYNNE J., Cons. Engr., 15 Warren Place, Montclair, N. J. (July '36)

BEVERLY HILLS WATER DEPT., John L. Perhab, Plant Supt., Box 390, Beverly Hills, Calif. (Corp. M. Sept. '26)

BEYER, A. C., San. Engr. & Dist. Mgr., Wallace & Tiernan Sales Corp., 171 Second St., San Francisco, Calif. (May '34)

BIBEAU, J. A., Supt. of Public Works, St. Boniface, Man., Can. (Apr. '37)

BIBELHAUSEN, LOUIS A., Supt. of Filtration, Menominee Indian Mills, Neopit, Wis. (Jan. '33)

BIDDLE, EARL W., 149 Summit Rd., Elizabeth, N. J. (Oct. '37)

BIELOT, ARTHUR, Jr. San. Chemist, Water Works Park Filtration Plant, Detroit, Mich. (Jan. '38)

BIGGS, GEORGE W., JR., Chief Engr., American Water Works & Electric Co., 50 Broad St., New York, N. Y. (June '16)

BILLINGS, L. C., Supt. & Chief Chemist, Water Purif. Plant, Dallas, Tex. (May '23)

BINGHAM & TAYLOR CORP., 575 Howard St., Buffalo, N. Y. (Assoc. M. Mar. '82)

BINGHAM, CHRISTOPHER F., Columbia Alkali Corp., 3034 North 16th St., Philadelphia, Pa., (Sept. '31)

BINGHAMTON BUREAU OF WATER, Dept. of Engineering, John L. O'Brien, Supt. of Operation, Binghamton, N. Y. (Corp. M. July '35)

BINGLEY, W. MCLEAN, The Dorr Co., Inc., 1523 Candler Bldg., Atlanta, Ga. (Mar. '34)

BINKLEY, T. C. (See Mountain View Suburban Water Co.)

BIRD-ARCHER CO., S. P. Foster, Dist. Mgr., 122 S. Michigan Ave., Chicago, Ill. (Assoc. M. July '29)

BIRD-ARCHER CO., LTD., H. C. Harragin, Vice-Pres., McGill Bldg., Montreal, Que., Can. (Assoc. M. Oct. '37)

BIRCH MFG. CO., 1521-1523 Sedgwick St., Chicago, Ill. (Assoc. M. May '16)

BIRD, BYRON, 1853 Monroe St., N.W., Washington, D. C. (July '24)

BIRD, CYRUS R., The Pitometer Co., 704 Stephenson Bldg., Detroit, Mich. (Mar. '22)

BIRDSALL, LEWIS I., General Chemical Co., 105 W. Madison St., Chicago, Ill. (June '13)

BIRKENESS, O. T., San. Engr., 809 W. Washington Blvd., Chicago, Ill. (May '30)

BIRMINGHAM WATER CO., Malcolm M. Eckhardt, Gen. Mgr., 33 Elizabeth St., Derby, Conn. (Corp. M. May '09)

BISEL, KENNETH, Albion, Neb. (July '35)

BLACK, A. P., Prof. of Chemistry, Univ. of Florida, Gainesville, Fla. (Apr. '29) *Director '37–'39.*

BLACK, ERNEST B., Cons. Engr., 4706 Broadway, Kansas City, Mo. (June '13)

BLACK, HAYSE H., Asst. San. Engr., State Dept. of Public Health, 1605 S. Douglas Ave., Springfield, Ill. (Oct. '33)

BLACKMAN, A. T., Supt., Water Dept., City Hall, Sterling, Colo. (Jan. '30)

BLACKWELDER, C. D., Box 1516, Greenville, S. C. (May '26)

BLAIR, CLARENCE M., Cons. Engr., P. O. Box 236, 100 Crown St., New Haven, Conn. (Jan. '38)

BLAIR, W. R., Mgr., American Cast Iron Pipe Co., 302 Sharon Bldg., 55 New Montgomery St., San Francisco, Calif. (Oct. '37)

BLAKELEY, L. E. (*See* Santa Ana Valley Irrigation Co.)

BLAKEMAN. H. W., Supt., Water Dept., Rayville, La. (Jan. '36)

BLAKEMAN, S. R., Supt., Water & Light Plant, Dyersburg, Tenn. (Jan. '27)

BLANCHARD, R. K., M. E., Vice-Pres. & Engr., Neptune Meter Co., 50 W. 50th St., New York, N. Y. (June '19)

BLESSING, W. J., Chief Engr., Worthington Pump & Machinery Corp., 90 Pomona Place, Buffalo, N. Y. (Apr. '37)

BLEZARD, JOHN W., Supt., Water Works, Box 115, Kimberly, B. C., Canada (Apr. '38)

BLIDBERG, P. G. (See Goteborgs Vattenledningsverk)

BLISS, HAROLD P., Asst. Civil Engr., Dept. of Water & Power, Box 240, Arcade Annex, Los Angeles, Calif. (Sept. '31)

BLIVEN, GEO. H. (See Monroe Avenue Water District)

BLIVEN, JESSE A., Supt., New York Service Corp., 9002-91st Ave., Woodhaven, N. Y. (Mar. '26)

BLIZZARD, GEORGE, Water Supt., Lamar, Colo. (Jan. '36)

BLOHM, ARTHUR W. P., Asst. San. Engr., State Dept. of Health, 2206 Walbrook Ave., Baltimore, Md. (Aug. '22)

BLOMQUIST, H. F., Supt., City Water Works, Cedar Rapids, Ia. (May '17)

BLOOMFIELD, TOWN OF, Jos. W. Obreiter, Town Engr., Bloomfield, N. J. (Corp. M. Oct. '37)

BLUM, LOUIS D., C. P. A., 110 E. 42nd St., Suite 705, New York, N. Y. (June '29)

BLUMBERG, OSCAR C., Chemist, Chenery Filter Plant, P. O. Box 322, Concord, Calif. (Feb. '30)

BLUNDON, J. PAUL, Cons. Engr., Law Bldg., Keyser, W. Va. (Apr. '30)

BOARDMAN, JOHN, Foreman, Water Dept., Compton, Calif. (Jan. '36)

BOARDMAN, WILLIAM H., Civil Engr., 426 Walnut St., Philadelphia, Pa. (Apr. '09)

BOAS, CARL H., Secy. of Mt. Penn Suburban Water Co., 2227 Perk Ave., Reading, Pa. (July '35)

BODISHBAUGH, DON, Service Engr., Dearborn Chemical Co., 3453 Western Ave., Mattoon, Ill. (Apr. '37)

BODKIN, J. T., St. Joseph Water Co., St. Joseph, Mo. (Mar. '24)

BOETTIGER, W. O., Salesman, Columbia Steel Co., Box 510, Arcade Station, Los Angeles, Calif. (Oct. '37)

BOGERT, CLINTON L., Cons. Engr., 30 Church St., Room 1725, New York, N. Y. (Jan. '24)

BOGGS, HARRY, C. P. A., 803 Electric Bldg., Indianapolis, Ind. (Mar. '30)

BOHMANN, HENRY P., Supt. of Water Works, Milwaukee, Wis. (May '13)

BOLSON, JOHN W. (See Oconomowoc Water Dept.)

BONCHER, HECTOR P., Sales Mgr., S. R. Dresser Mfg. Co., Bradford, Pa. (Jan. '37)

BOND, ROBERT M., Asst. Accountant, Munic. Sect., Hydro-Electric Power Comm. of Ont., 620 University Ave., Toronto, Ont., Canada (Apr. '38)

BONIFACE, ARTHUR, Village Engr. & Mgr., Popham & Post Rds., Scarsdale, New York (Jan. '38)

BONYUN, RICHARD E., Acting Gen. Supt., Passaic Valley Water Comm., 137 Ellison St., Paterson, N. J. (Oct. '35)

BOOKER, WARREN H., Director, Div. of Sanitation, State Board of Health, Raleigh, N. C. (Dec. '31)

BOOTH, GEORGE W., National Board of Fire Underwriters, 85 John St., New York, N. Y. (Feb. '24)

BOOTH, L. M., Pres., Booth Chemical Co., P. O. Box 203, Elizabeth, N. J. (May '14)

BOOZ, LOUIS P., Cons. Engr., 263 Madison Ave., Perth Amboy, N. J. (Jan. '37)

BORDEN, MORO M., 310 Lees Ave., Collingswood, N. J. (June '12)

BORGFORD, TH. B., Cons. Engr., 120 Fort St., Winnipeg, Man. Can. (Jan. '37)

BORNEMANN, GEORGE F., Supt., Massapequa Water Dist., Central Ave., Massapequa, N. Y. (Apr. '38)

BOSCHKE, FRANK G., Special Repr., Transite Pipe Dept., 1207 Architects Bldg., Los Angeles, Calif. (Oct. '37)

BOTTEN, H. H., Chief Engr., Washington Surv. & Rating Bur., P. O. Box 1818, Seattle, Wash. (Jan. '24)

BOUCHER, GEORGE, Supt., Paris Pub. Util. Comm., Box 180, Paris, Ont., Canada (Apr. '38)

BOUEY, HOWARD L., Constr. Foreman, Los Angeles Dept. of Water & Power, 5938 Matilija St., Van Nuys, Calif. (Oct. '34)

BOUEY, JOHN H., Distr. Supt., Dept. of Water & Power, 14238 Friar St., Van Nuys, Calif. (Oct. '32)

BOUIS, S. S., City Engr., City Hall, Clearwater, Fla. (Apr. '37)

BOULDEN, R. L. (See Riverside Water Dept.)

BOULDER WATER DEPT., H. C. McClintock, City Mgr., Boulder, Col. (Corp. M. Jan. '27)

BOURBON COPPER & BRASS WORKS Co., 618 E. Front St., Cincinnati, O. (Assoc. M. Apr. '84)

BOURGIN, CHARLES G., Asst. Supt., Bur. of Water Supply, 30 Park St., Montclair, N. J. (July '37)

BOVARD, PAUL F., California Filter Co., 981 Folsom St., San Francisco, Calif. (Aug. '26)

BOWE, THOMAS F., Cons. Engr., 110 William St., New York, N. Y. (Feb. '20)

BOWEN, CHARLES STANLEY, North Geelong, Victoria, Australia (Feb. '29)

BOWEN, EDWARD R., Cons. Engr., 1132 Central Bldg., Los Angeles, Calif. (July '36)

BOWEN, M. R. (See Whittier, City of)

BOWERS, HERBERT L., Service Mgr., The Permutit Co., 330 W. 42nd St., Room 200, New York, N. Y. (Jan. '36)

BOWKER, J. S., Water Comm., Kearney Neb. (July '35)

BOWMAN, ABRAHAM M., Supt. of Public Utilities, Elmira, Ont., Can. (Oct. '19)

BOWMAN, HARRY B., 2642 Baird Blvd., Camden, N. J. (Jan. '38)

BOYCE, EARNEST, Chief Engr. & Director, Div. of Sanitation, State Board of Health, Lawrence, Kans. (Apr. '26)

BOYD, GEORGE E., New York Dist. Mgr., Wailes Dove-Hermiston Corp., 17 Battery Place, New York, N. Y. (May '31)

BOYKIN, H. P., Assoc. Prof. of Civil Engineering, Virginia Military Inst., Lexington, Va. (Oct. '34)

BOYLE, JOHN L., Mgr., Portland Office, Pacific States Cast Iron Pipe Co., 606 Spalding Bldg., Portland, Ore. (Jan. '35)

BOZEMAN, CITY OF, Mont. (Jan. '33)

BRADFORD, L. G., Supt., Water Dept., 224 N. Main St., South Bend, Ind. (July '35)

BRADLEY, F. B., Gen. Mgr., Eagle & Phenix Mills, Columbus, Ga. (July '35)

BRADLEY, J. F., Chief Engr., R. F. D. 8, Valparaiso, Ind. (Feb. '21)

BRADNER, E. A. (See New Mexico Power Co., Agua Pura Division)

BRADY, EDWARD J., General Foreman of Repairs, Div. of Water, 50 Lakeview Ave., Buffalo, N. Y. (Apr. '37)

BRAGG, GEORGE H., Engr. of Maintenance, 245 Market St., San Francisco, Calif. (Oct. '22)

BRAIDECH, MATHEW M., Asst. Prof. of Chem. Engineering, Dept. of Chemical Engineering, Case School of Applied Science, University Circle, Cleveland, O. (May '30) *Goodell Prize '36.*

BRAINARD, ELLIOTT E., Asst. Secy., Lock Joint Pipe Co., Box 21, Ampere, N. J. (Jan. '37)

BRAKENRIDGE, C., City Engr., City Hall, Vancouver, B. C., Can. (Nov. '23)

BRANDIS, FRED E., Supt., Municipal Water Works, Blaine Co., Chinook, Mont. (Mar. '25)

BRANDRIFF, ALFRED (See Millville Water Co.)

BRANTFORD PUBLIC UTILITIES COMMISSION, Ross L. Beckett, Brantford, Ont., Can. (Corp. M. May '14)

BRANTLY, E. C., MGR., Water, Gas & Electric Depts., Danville, Va. (Feb. '27)

BRAUN, E. J. (See Fond du Lac City Water Department)

BRAYTON, JOHN C., Asst. Treas. Consolidated Water Co., 712 Washington St., Utica, N. Y. (Mar. '33)

BREADY, IRA J., Sales Engr., 3316 Lambert Place, Cincinnati, Ohio (Jan. '38)

BREEN, W. G., Mgr., Public Utilities Comm., Aylmer, Ont., Can. (Jan. '36)

BREITHAUPT, J. C. (See Kitchener Water Commission)

BREITKREUTZ, E. W., Asst. Engr., Pipe Construction, Dept. of Water & Power, 410 Ducommun St., Los Angeles, Calif. (Oct. '29)

BRENIMAN, E. H., Water Dept. Supt., P. O. Box 125, Parco, Wyo. (Jan. '38)

BRENNAN, RALPH F., Chemist & Chief Operator, Municipal Water Treatment Plant, Daytona Beach, Fla. (Jan. '38)

BRENNEKE, A. M., City Engr., Denison, Tex. (Oct. '34)

BRETZ, C. E., 1221 N. Penna. Ave., Oklahoma City, Okla. (Aug. '23)

BRICKENDEN, F. M., Dist. Engr., Dept. of National Health, 66 Ethelbert St., Winnipeg, Man., Can. (June '28)

BRICKEY, M. L., Gen. Mgr., Knox County Water Co., Fountain City, Tenn. (July '35)

BRIDGMAN, O. W., London Water Works Co., 13 E. First St., London, O. (Apr. '36)

BRIGGS, O. L., SR., Supt. Water, Waynesville, N. C. (Apr. '38)

BRIGHAM, HAROLD L., Supt., Water & Sewage Comm., Marlborough, Mass. (Jan. '36)

BRIGNALL, C. S., 3532 College Ave., Indianapolis, Ind. (July '37)

BRINKER, L. A., Johns-Manville Sales Corp., 816 W. 5th St., Room 1207, Los Angeles, Calif. (Jan. '36)

BRINKMAN, CARLYLE K., Cons. Engr., Gante #11, Mexico, D. F., Mexico (July '38)

BRINTNELL, F. M., Secy.-Treas., Public Utilities Comm., Colborne, Ont., Canada (Apr. '38)

BRISBANE, EUGENE C., S. Morgan Smith Co., York, Pa. (Jan. '36)

BRISTOL, H. C., 501 Maury St., Alcoa, Tenn. (July '35)

BRISTOL, THEODORE L., Pres. & Mgr., Ansonia Water Co., 354 Main St., Ansonia, Conn. (June '34)

BROCK, GEORGE, Supt., Water Dept., Bellingham, Wash. (Apr. '38)

BROOK, HARRY L., Supt., Osgood Water Co., 313 N. Maple St., Osgood, Ind. (Apr. '32)

BROOKS, FRED, Foreman, Dist. Oper. & Constr. Div., Bur. of Water Works & Supply, 1308 Micheltorena St., Los Angeles, Calif. (Apr. '36)

BROOKS, JOHN N., 339 Bellevue Ave., Trenton, N. J. (Feb. '12)

BROOKS, R. H., Supt., Light & Water Dept., Ruston, La. (Oct. '34)

BROOKS, THOMAS, Supt. Domestic Distribution, Water Dept., 2045 N. Catalina St., Los Angeles, Calif. (Sept. '25) *Hon. Member '37.*

BROTZ, J. K. (See Silver Creek Water Works)

BROUGHMAN, RUSSELL, Bur. of Engr. State Bd. of Health, P. O. Box 210, Jacksonville, Fla. (July '35)

BROWN, C. ARTHUR, San. Engr., 1029-9th St., Lorain, O. (June '05)

BROWN, C. E., Mgr., Public Utilities Comm., Meaford, Ont., Can. (Mar. '32)

BROWN, CHRYSTAL (See North Jersey District Water Supply Commission)

BROWN, CLAUDE R., Mgr., American Cast Iron Pipe Co., 412 W. 6th St., Room 1204, Los Angeles, Calif. (Aug. '31)

BROWN, E. W. (See Kentucky Utilities Co.)

BROWN, EDWARD, Supt. of Water Works, Eau Claire, Wis. (Jan. '21)

BROWN, H. L. (See Salina Water Dept.)

BROWN, HERBERT H., Civil Engr., c/o City Engr., City Hall, Milwaukee, Wis. (Nov. '29)

BROWN, HORACE A., C. E., Cons. Engr., and Supt. of Water Works, Ottumwa, Ia. (June '11)

BROWN, J. O., Mgr., Pump & Engineering Dept., Crane-O'Fallon Co., 1631 Fifteenth St., Denver, Colo. (Jan. '30)

BROWN, JAMES R., National Water Main Cleaning Co., P. O. Box 1091, Columbus, O. (July '34)

BROWN, KENNETH W., San. Engr., California Water Serv. Co., Stockton, Calif. (July '27)

BROWN, ROBERT F., Plant Mgr., California Water Serv. Co., Stockton, Calif. (Aug. '30)

BROWN, WALTER M., Office Engr., Long Beach Water Dept., 308 Public Utilities Bldg., Long Beach, Calif. (May '34)

BROWNE, F. G. (See Teck, Township of)

BROWNELL, O. E., San. Engr., State Dept. of Health, Div. of Sanitation, Univ. Campus, Minneapolis, Minn. (Apr. '32)

BROWNING, C. R., Chief Engr., San Joaquin Rancho, Tustin, Orange Co., Calif. (Nov. '32)

BROWNING, ROBERT T., Wallace & Tiernan Co., Inc., Newark, N. J. (Apr. '36)

BROWNSTEAD, J. P., Supt. Water Works, 921 Prospect Place, Ashland, Ky. (Apr. '38)

BROZ, FRANK J., Supt. of Water, 5145 Cermak Rd., Cicero, Ill. (Aug. '33)

BRUDEN, C. O., Wallace & Tiernan Co., Inc., 432-119 E. Washington Ave., Madison, Wis. (Mar. '29)

BRUHN, ALFRED H., Engr. of Water Purif., c/o American Consulate, Bogota, Colombia, S. A. (Apr. '38)

BRUHN, JOHN A., Commercial Dept., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Apr. '30)

BRUMBAUGH, W. V., Sect., National Lime Association, 927-15th St., N. W., Washington, D. C. (Mar. '29)

BRUNDAGE, CLIFFORD B. (See Ramsey Water Works)

BRUNE, FRED H., Sales Mgr., Rensselaer Valve Co., Monadnock Bldg., Chicago, Ill. (Sept. '31)

BRUNSTEIN, MAURICE, Chem. Engr., Bur. of Health, 311 City Hall Annex, Atlantic City, N. J. (July '35)

BRUNTON, CHAS. L., Supt., Jackson Mutual Water Co., R. #1, Jackson, O. (July '35)

BRUSH, FREDERICK CLINTON, Mgr., Bound Brook Water Co., 519 Watchung Rd., Bound Brook, N. J. (Jan. '24)

BRUSH, WM. W., 4622 Grosvenor Ave., Fieldston, New York, N. Y. (Feb. '11) *Hon. Member '37. Diven Medal '32. President '29. Vice-Pres. '28. Treasurer '22-'27, '30-'39*

BRYAN, WAYNE G., Supt., Water Dept., Portage, Wis. (July '37)

BUCCOWICH, PAUL, JR., Supt., Light & Water Dept., Ely, Minn. (May '33)

BUCHANAN, EDWARD VICTOR, Gen. Mgr., Public Utilities Comm., London, Ont., Can. (Apr. '26)

BUCHANAN, GERRIT S., R. D. No. 5, Washington, Pa. (June '30)

BUCHANAN, HUGH, Compania Consolidada de Aguas, Corrientes del Rosario Ltda., Rosario de Santa Fe, Argentine (June '24)

BUCK, GEORGE H., Asst. Engr., Nicholas S. Hill Associates, 55 Cherry St., Elizabeth, N. J. (Jan. '26)

BUCKRELL, S. (See Tillsonburg Public Utilities Commission)

BUELL, WM. C., Gen. Mgr., Millville Water Co., High St., Millville, N. J. (June '26)

BUFFALO DIVISION OF WATER, Leonard A. Bergman, 107 City Hall, Buffalo, N. Y. (Corp. M. June '21)

BUFFALO METER CO., 2917 Main St., Buffalo, N. Y. (Assoc. M. June '05)

BUFFALO NIAGARA ELECTRIC CORP., Electric Bldg., Buffalo, N. Y. (Corp. M. Apr. '37)

BUFFALO PIPE & FOUNDRY CORP., William C. Baird, Treas., Box 23, Station B, Buffalo, N. Y. (Assoc. M. Apr. '37)

BUHLER, WILLIAM, Town Mgr., Wray, Colo. (Oct. '37)

BUILDERS IRON FOUNDRY, 9 Codding St., Providence, R. I. (Assoc. M. June '01)

BULL, IRVING C., Analytical & Cons. Chemist, 117 Liberty St., New York, N. Y. (June '06)

BULLOCK, DEWITT, H., Supt. of Water System, 80 Walnut Street, Canajoharie, N. Y. (Jan. '28)

BUNDY, DAN E., Topo. Draftsman, Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (Apr. '38)

BUNKER, F. L., Sales Engr., P. O. Box 1122, Charlotte, N. C. (Oct. '37)

BUNKER, GEORGE CYRUS, Cons. Engr., c/o American Consulate, Caracas, Venezuela (Feb. '11)

BUNKER, H. K., Supt., Water & Sewage Dept., Chewelah, Wash. (Affil., Apr. '38)

BUNNELL, KENNETH J., Asst. Chemist, Metropolitan Utilities District, 5335 No. 25th Ave., Omaha, Neb. (June '34)

BURACK, WILLIAM D., Engr., Wallace & Tiernan Products Co., Inc., 90 Sycamore Ave., Livingston, N. J. (Jan. '36)

BURATTI, CARL, Johns-Manville Sales Corp., 1207 Architects Bldg., Los Angeles, Calif. (Jan. '38)

BURBANK PUBLIC SERVICE DEPT., J. H. McCambridge, Gen. Supt., 124 N. Olive St., Burbank, Calif. (Corp. M. June '27)

BURCHARD, EDWIN DAY, Dist. Engr., U. S. Geological Survey, 220 Post Office Bldg., Asheville, N. C. (Jan. '25)

BURDICK, CHARLES B., Hyd. & San. Engr., 1401 Civic Opera Bldg., Chicago, Ill. (July '07)

BURGESS, GEORGE S. (See New Jersey State Water Policy Commission)

BURGESS, JOHN, Office Engr., Board of Water Comm., Box 629, Denver, Colo. (Oct. '37)

BURGESS, PHILIP, Cons. Engr., 568 E. Broad St., Columbus, O. (Apr. '11)

BURNETT, F. T., P. O. Box 522, Susanville, Calif. (July '35)

BURNETT, H. A., JR., Bacteriologist, Difco Laboratories, Inc., 920 Henry St., Detroit, Mich. (Jan. '36)

BURNIE, ARTHUR N., Vice-Pres. & Treas., Beaver Valley Water Co., 1006-7th Ave., Beaver Falls, Pa. (Mar. '16)

BURNS, THOMAS M., Sales Engr., Alco Products, Inc., 30 Church St., New York, N. Y. (Apr. '35)

BURNSON, BLAIR I., East Bay Municipal Util. Dist., 2079 Oakland Ave., Piedmont, Calif. (Jan. '35)

BURR, MAURICE H., P. O. Box O, Northeast Harbor, Me. (Apr. '36)

BURRIN, THOMAS J., Supt., Lebanon Water Works, Lebanon, Ind. (Jan. '35)

BURRIS, MILTON D., Shaft No. 1, Mono Basin Project, Bishop, Calif. (Jan. '34)

BURROUGHS ADDING MACHINE CO., A. S. Trew, Public Utilities Sales, Second Boulevard, Detroit, Mich. (Assoc. M. Mar. '26)

BURT, AUSTIN, Supt., Water Dept., Ontario, Calif. (July '29)

BURTON, H. K. (See Salt Lake City Water Dept.)

BURWELL, JOHN H. (See Schenectady, City of)

BUSHNELL, CHARLES A., Worthington-Gamon Meter Co., 52 Sanford Ave., Plainfield, N. J. (Apr. '37)

BUSSERT, LLOYD E., Supt. of Water Works, Dept. of Water Works, Hammond, Ind. (Jan. '36)

BUSWELL, A. M., Chief, State Water Survey Div., Urbana, Ill. (Mar. '16)

BYERS, A. M., Co., M. J. Czarniecki, Vice-Pres., Clark Bldg., Pittsburgh, Pa. (Assoc. M. June '21)

BYERS, CHESTER A., Asst. to Gen. Mgr., Johnstown Water Co., 52 Shady Lane, Johnstown, Pa. (Apr. '37)

BYRON JACKSON Co., P. O. Box 1307, Arcade Sta., Los Angeles, Calif. (Assoc. M. Sept. '24)

CADMAN, ROBERT M., 244 Cambridge Ave., Red Bank, N. J. (May '24)

CADY, H. R., Mech. Engr., Hackensack Water Co., 624 Park Ave., Weehawken, N. J. (June '29)

CAIRD, JAMES M., Chemist & Bacteriologist, Cannon Bldg., Broadway & 2nd St., Troy, N. Y. (May '00) *Treasurer '14-'21.*

CALDWELL, H. L., Cons. Engr., Caldwell Engineering Co., Jacksonville, Ill. (Apr. '36)

CALDWELL, JAMES A., Rushville, Ind. (Apr. '36)

CALIFORNIA CORRUGATED CULVERT Co., Fifth & Parker Sts., West Berkeley, Calif. (Assoc. M. Aug. '27)

CALIFORNIA WATER & TELEPHONE Co., Fred J. Hodges, P. O. Box 1, National City, Calif. (Corp. M. June '26)

CALLAHAN, HARRY C., Pres., Lake Mohawk-Sparta Water Co., White Deer Plaza, Sparta, N. J. (Jan. '37)

CALVERT, CECIL K., 951 W. 20th St., Indianapolis, Ind. (Nov. '20)

CAMBI, FRANCO, Engr., P. Leonardo Da Vinci, 7, Milano, Italy (Jan. '37)

CAMP, THOS. R., Assoc. Prof. of San. Engineering, Mass. Inst. of Technology, Cambridge A, Mass. (Jan. '30)

CAMPBELL, ELMER W., State Dept. of Health, Augusta, Me. (Dec. '23)

CAMPBELL, GEO. A. (See Sierra Pacific Power Co.)

CAMPBELL, GLEN W., Chemist, Water Dept., 710 Forest St., Bellingham, Wash. (Apr. '38)

CAMPBELL, H. A., Supt. of Public Activities, Cornwall, Ont., Can. (Apr. '33)

CAMPBELL, JOHN T., The Chester Engineers, Century Bldg., 130 Seventh St., Pittsburgh, Pa. (Oct. '31)

CAMPBELL, JOHN W., Supt., Water Works, Ridgetown, Ont., Can. (Dec. '33)

CAMPBELL, M. S., Asst. Public Health Engr., 1412 Smith Tower, Seattle, Wash. (Apr. '38)

CAMPION, HARRY T. (See Grand Rapids Filtration Plant)

CAMY, L. L., Local Mgr., California Water Serv. Co., 4163 Whittier Blvd., Los Angeles, Calif. (May '30)

CANADIAN ENGINEER, THE, 341 Church St., Toronto 2, Ont., Can. (Assoc. M. May '16)

CANARIIS, SVEND A., Elec. Engr., 606 Pennridge Rd., Pittsburgh, 11, Pa. (July '37)

CANNON, SAMUEL C. (See Middletown Water Dept.)

CANON CITY, Fred Brackney, Water Supt., Box 407, Canon City, Colo. (Corp M. Apr. '26)

CAPEN, CHARLES H., JR., Engr. North Jersey District Water Supply Comm., 8 Florence Place, West Orange, N. J. (Apr. '30)

CAPLAN, SALEM D., Jr. C. E., Bur. of Water Works & Supply, 1617½ Rendall Place, Los Angeles, Calif. (Apr. '38)

CAPRON, JOHN D., Pres., Glamorgan Pipe & Foundry Co., Lynchburg, Va. (Jan. '24)

CAREY, W. GORDON, Water Analyst & Consultant, 29 John St., Sunderland, Co. Durham, England (Mar. '31)

CARMIEN, R. P., Coast Agt., Golden-Anderson Valve Specialty Co., 1800 Canyon Dr., Los Angeles, Calif. (Oct. '34)

CARNS, JAMES G., JR., Supt. of Meter Dept., New Jersey Water Co., 610 Station Ave., Haddon Heights, N. J. (Oct. '35)

CARPENTER, FRED H., Supt., Monticello Water Works, 262 Broadway, Monticello, N. Y. (Apr. '36)

CARPENTER, GEORGE, Supt., Water Dept., Municipal Water Bldg., Ithaca, N. Y. (Jan. '35)

CARPENTER, LEWIS V., Prof. of San. Engineering, College of Engineering, N. Y. U., University Heights, New York, N. Y. (June '26) *Director '36–'38.*

CARR, J. A., Supt., Village Water Dept., Ridgewood, N. J., (May '16)

CARROLL, EUGENE, Vice-Pres. & Mgr., Butte Water Co., Butte, Mont. (June '04) *Director '31.*

CARROLL, HUGH J., Engr. of Water Extension, City Hall, Yonkers, N. Y. (Apr. '31)

CARROLL, JOHN J., 5255 Carrollton Ave., Indianapolis, Ind. (Jan. '38)

CARSON-CADILLAC CORP., P. O. Box 67, Tarrant Branch, Birmingham, Ala. (Assoc. M. Jan. '37)

CARTER, EARL L., Cons. Engr., 814 Electric Bldg., Indianapolis, Ind. (Dec. '32)

CARTER, ISAAC NEWTON, Assoc. Prof. of Civil Engr., University of Idaho, Moscow, Idaho (Apr. '38)

CARTY, J. V., Asst. Treas., Ohio Water Service Co., 235 State St., Struthers, O. (Jan. '36)

CARY, E. S., Supt. of Water Works, Evansville, Wis. (Oct. '35)

CASAD, CHARLES C., City Engr. & Supt., Water Dept., City Hall, Bremerton, Wash. (Jan. '26)

CASAD, ORLA, Supt. of Water Works, Box 624, Merced, Calif. (Nov. '24)

CASE, EGBERT D., Vice-Pres., The Pitometer Co., 50 Church St., New York, N. Y. (Mar. '21) *Director '33–'35.*

CASPER, CITY OF, J. F. Cowan, Mayor, City Hall, Casper, Wyo. (Corp. M. Oct. '37)

CASSADY, J. J., City Mgr., Salem, Va. (July '35)

CASSIDY, H. J., Draftsman, Dept. of Water & Power, Box 240, Arcade Annex, Los Angeles, Calif. (July '36)

CASWELL, H. H. (See Ann Arbor Water Dept.)

CATES, WALTER H., Salesman, Western Pipe & Steel Co., 153 Sierra View Rd., Pasadena, Calif. (Sept. '31)

CATLETT, G. F., Chief Engr., State Board of Health, P. O. Box 210, Jacksonville, Fla. (June '16)

CECIL, LAWRENCE K., Box 1289, Tulsa, Okla. (Jan. '28)

CEDAR RAPIDS WATER WORKS, H. F. Blomquist, Supt., City Hall, Cedar Rapids, Ia. (Corp. M. Jan. '36)

CENTRAL EQUIPMENT SALES CORP., 60 East 42nd St., New York, N. Y. (Assoc. M. Apr. '38)

CENTRAL FOUNDRY Co., 386 Fourth Ave., New York, N. Y. (Assoc. M. June '03)

CENTRAL POWER & LIGHT Co., C. L. Dowell, 716 Nixon Bldg., Corpus Christi, Tex. (Corp. M. July '36)

CHALFANT, JOHN C., Supt., Water Works, City Hall, Fort Lauderdale, Fla. (Mar. '31)

CHAMBERLAIN, L. H., Mgr., Water Works Supply Co., 504 Subway Terminal Bldg., Los Angeles, Calif. (Jan. '24)

CHAMBERS, GROVER, Water Supt., Cheney, Wash. (Apr. '38)

CHAMBLEE, J. V., Supt., Public Utilities, Selma, N. C. (Jan. '36)

CHAMPA, LUDWIG S., Chemist & Bacteriologist, State Board of Health, Helena, Mont. (Jan. '37)

CHAPIN, A. O. (See Erie Commissioners of Water Works)

CHAPIN, CARL K., Dept. of Water & Power, Accounting Div., 307 Water & Power Bldg., Los Angeles, Calif. (Oct. '29)

CHAPMAN, F. W., Greenwood, S. C. (Dec. '25)

CHAPMAN VALVE MFG. Co., Indian Orchard, Mass. (Assoc. M. Apr. '84)

CHAPTON, HERBERT J., Los Angeles Dept. of Water & Power, Box F, West Portal, Bishop, Calif. (Oct. '37)

CHARLES, ROBERT S., JR., Field Supt., International Water Supply, Ltd., 461 Baker St., London, Ont., Can. (Jan. '36)

CHARLESTON COMMISSIONERS OF PUBLIC WORKS, 14 George St., Charleston, S. C. (Corp. M. May '12)

CHARLTON, DAVID B., Ph.D., Bacteriologist, 701 Stevens Bldg., Portland, Ore. (Jan. '38)

CHASE BRASS & COPPER Co., 236 Grand St., Waterbury, Conn. (Assoc. M. Mar. '29)

CHASE, EDWARD S., Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (May '19)

CHASE, GEORGE E., Mgr., Public Utilities Comm., Bowmanville, Ont., Can. (Sept. '33)

CHASE, HORACE H., Box 252, Sandwich, Mass. (May '24)

CHATHAM BOARD OF WATER COMMISSIONERS, T. M. S. Kingston, Mgr.-Engr., Chatham, Ont., Can. (Corp. M. Feb. '24)

CHEEK, NEWMAN (*See* Lakewood Water Co.)

CHENERY, CHRISTOPHER T., Pres., Federal Water Service Corp., 90 Broad St., New York, N. Y. (June '26)

CHESTER, J. N., The Chester Engineers, Century Bldg., 130 Seventh St., Pittsburgh, Pa. (Nov. '10)

CHEVALIER, WILLARD, Vice-Pres., in Charge of Civil Eng. Publications, McGraw-Hill Publishing Co., 330 W. 42nd St., New York, N. Y. (June '34) *Goodell Prize '34. Director '38, '39—.*

CHICAGO BRIDGE & IRON WORKS, 37 W. Van Buren St., Chicago, Ill. (Assoc. M. June '08)

CHIDAINE, PAUL, Administrateur-Directeur, Eau Et Assainissement, 93, Rue Du Rocher, Paris, 8, France (May '30)

CHIENE, WALTER S., Dist. Mgr., Peoples Water & Gas Co., Marshfield, Ore. (July '35)

CHILDS, FRED S., 106 Broad St., Newark, N. J. (May '30)

CHILLICOTHE WATER CO., O. P. Tatman, Pres., 36 W. Second St., Chillicothe, O. (Corp. M. Oct. '30)

CHINN, KEITH R., Chemist, Bacteriologist & Chief Engr., West Palm Beach Water Co., P. O. Box 1331, West Palm Beach, Fla. (Feb. '27)

CHRISTENSEN, C. H., Mgr., Missoula Div., The Montana Power Co., Missoula, Mont. (Oct. '19)

CHRISTOPHER, J. B., Warrensburg P. P.-S. Water Co., Warrensburg, Mo. (July '35)

CHUBB, ROBERT S., Chief Engr., Bur. of Water, 1318 Carbon St., Reading, Pa. (May '30)

CHURCH, JAMES (See Green Bay Water Dept.)

CHUTE, W. M., Waterworks Supt., Wheatley, Ont. Can. (Apr. '34)

CITIZENS UTILITIES CO., F. A. Merfeld, Dist. Mgr., Wallace, Idaho (Corp. M. Apr. '38)

CITIZENS WATER SUPPLY CO. OF NEWTOWN, J. Edward Meyer, 83-11 Whitney Ave., Elmhurst, L. I., N. Y. (Corp. M. Jan. '11)

CLAFLIN, CHARLES R., Supt., Water Co., Rensselaer, N. Y. (Sept. '19)

CLAPP, MILTON, JR., Chemist, Sewage Disposal Plant, Charlotte, N. C. (Jan. '36)

CLARK, ARTHUR T., 48 Georgian Road, Morristown, N. J. (May '19)

CLARK, EUGENE S., Div. of San. Engineering, State Dept. of Public Health, Springfield, Ill. (July '35)

CLARK, F. W. G., Water Works Engr., British Municipal Council, Tientsin, N. China (June '23)

CLARK, H. C., Supt., Municipal Water Works, Hillsdale, Mich. (Jan. '38)

CLARK, HARRY W., 89 Broad St., Boston, Mass. (May '20)

CLARK, H. W., Co., Box 563, Mattoon, Ill. (Assoc. M. May '08)

CLARK, HORACE L., Supt., Sanford Water Dist., Sanford, Me. (Apr. '30)

CLARK, M. S., Salesman, Mathieson Alkali Works, Inc., 1853 E. Beardsley Ave., Elkhart, Ind. (Apr. '37)

CLARK, T. ERNEST, Mgr., Ojai Mutual Water Co., 145 W. Ojai St., Ojai, Calif. (Oct. '37)

CLARK, WILLIAM H., Supt., Water Works, Avon, N. Y. (May '16)

CLARKE, AUBREY B., Topo. Draftsman, Bur. of Water Works & Supply, Box 240, Arcade Annex, Los Angeles, Calif. (Apr. '38)

CLARKSON, L. M., State Dept. of Public Health, Atlanta, Ga. (Aug. '29)

CLASSEN, ASHLEY G., Supt., City Water Works, El Paso, Tex. (Jan. '36)

CLASSON, W. GUY, Supt. & Registrar, Leominster Water Works, Leominster, Mass. (June '31)

CLAY, JOE, Supt., Carlisle Water Works, Carlisle, Ky. (Jan. '24)

CLAY, JOHN W., Supt. Water Dept., City Hall, 2nd & Main Sts., Alhambra, Calif. (Oct. '37)

CLAYTON, NELSON J., Supt., Pottsville Water Co., 221 Centre St., Pottsville, Pa. (Mar. '25)

CLEMENT, RUSSELL C., 3213 Jocelyn St., N. W., Washington, D. C. (July '35)

CLEMINSON, J. E., 124 S. Tyler, El Monte, Calif. (July '35)

CLEVELAND, E. A., Chf. Comnr., Greater Vancouver Water Dist., 1303 Bekins Bldg., Vancouver, B. C., Can. (Mar. '24)

CLEVERDON, WALTER S. L., Supvr. of Property & Assoc. Prof. of San. Engineering, New York Univ., Washington Sq., New York, N. Y. (Apr. '16)
CLIFFORD, U. A., Supt., Light & Water Dept., Cairo, Ga. (Apr. '29)
CLIFFS DOW CHEMICAL Co., Marquette, Mich. (Assoc. M. Apr. '38)
CLIFTON, CHARLES ELMER, Chemist, Cannon Bldg., Troy, N. Y. (Mar. '10)
CLOGHER, A. C. (See Ebasco Services, Incorporated)
CLOT, HENRY, Topo. Draftsman, Bur. of Water Works & Supply, 2630 Maceo St., Los Angeles, Calif. (Apr. '38)
CLOUSER, L. H., Assoc. Civil Engr., Tennessee Valley Authority, 508 Union Bldg., Knoxville, Tenn. (July '37)
CLOW, JAMES B. & SONS, 201 N. Talman Ave., Chicago, Ill. (Assoc. M. Apr. '85)
CLYDEY, RALPH C. (*See* Portland Bureau of Water Works)
COALE, G. B. (See National Lead Co.)
COATES, JOHN JAMES, Research Fellow, Dept. San. Engr., New York Univ., University Heights, New York, N. Y. (Jan. '38)
COBLEIGH, W. M., Dean, School of Engineering, State A. & M. College, Bozeman, Mont. (May '33)
COBOURG PUBLIC UTILITIES COMMISSION, W. G. Henderson, Mgr., King St., Cobourg, Ont., Can. (Corp. M. Jan. '36)
COBURN, JAMES W., Treas., Consumers Water Co., Box 151, Pearl St. Station, Portland, Me. (Feb. '23)
COCHRANE, JOHN C., 418 Flannery Bldg., Station No. 13, Pittsburgh, Pa. (July '35)
CODY, J. P., Illinois Water Service Co., Champaign, Ill. (Jan. '33)
COE, GLEN F., Mgr., Sect. & Treas., Dixon Water Co., 121 E. First St., Dixon, Ill. (May '30)
COLE, EDWARD S., Pres., The Pitometer Co., 50 Church St., New York, N. Y. (June '02)
COLE, MARVIN, Supt. of Water Works, 1405 Otley Ave., Perry, Ia. (Apr. '36)
COLE, THOMAS A., Bacteriologist & Supt. Filtration, 172 Mansion Sq., Poughkeepsie, N. Y. (Jan. '35)
COLEMAN, THOMAS W., JR., 928 Market St., Chattanooga, Tenn. (July '36)
COLLIER, F. E., Supt., Municipal Water Works, 253 Broad St., Cookeville, Tenn. (Apr. '26)
COLLINS, M. H., Sales Mgr., Louisville Branch, Rensselaer Valve Co., Starks Bldg., Louisville, Ky. (Jan. '35)
COLLINS, W. D., Chemist, U. S. Geological Survey, Washington, D. C. (Dec. '25)
COLLYER, WILLIAM I. (See White Plains Dept. of Public Works)
COMMUNITY WATER SERVICE Co., Geo. W. Biggs, Jr., Pres., 50 Broad St., New York, N. Y. (Corp. M. Jan. '27)
CONARD, WILLIAM R., Cons. Engr., 321 High St., Burlington, N. J. (June '04)
CONGER, CHARLES O. (See Poughkeepsie Board of Public Works)
CONK, ROBERT H., Chemist & Bacteriologist, West Palm Beach Water Co., 416 Biscayne Dr., West Palm Beach, Fla., (Apr. '31)
CONLAN, JAMES F., 160 Nelson Rd., Scarsdale, N. Y. (Apr. '34)
CONNELL, C. H., Chf. Chemist, Water Div., State Dept. of Health Labs., R. F. D. #4, Box 263, Austin, Texas (Jan. '38)
CONNELL, H. P. (See Baton Rouge Water Works Co.)

CONNELL, WILLIAM B., Pres., Chemical Engineering Laboratories, 2800 Logan St., Dallas, Tex. (Aug. '30)

CONNOLLY, JOEL I., Asst. to the Pres., Board of Health, Chicago, Ill. (June '30)

CONNOR, C. M., Tech. Dir., Valley Forge Labs., Inc., Balligomingo Rd., West Conshohocken, Pa. (Jan. '38)

CONNOR, F. J., 221 No. Spring Ave., Sioux Falls, S. D. (May '00)

CONROY, WALTER C., Office Mgr., Water Dept., 99 Watson Rd., Belmont, Mass. (Jan. '37)

CONSOLIDATED CHEMICAL INDUSTRIES, INC., A. P. Jones, Box 1932, Fort Worth, Tex. (Assoc. M. July '35)

CONTINENTINO, LINCOLN DE C., Directoria de Saude Publica Do Estado de Minas Geraes, Bello Horizonte, Minas Geraes, Brazil, S. A. (June '29)

COOK, A. D., INC., Lawrenceburg, Ind. (Assoc. M. June '14)

COOK, ARTHUR T., Gen. Supt. & Chief Engr., Passaic Valley Water Comm., City Hall Annex, Paterson, N. J. (Dec. '28)

COOK, FREDERICK S., Pacific Coast Mgr., Robert W. Hunt Co., 251 Kearny St., San Francisco, Calif. (Oct. '37)

COOK, H. M., Supt., City Pumping Station, Batavia, N. Y. (Apr. '37)

COOK, HORACE J., 268 Court St., Auburn, Me. (July '35)

COOK, JAMES R., Civil Engr., Box 555, Chappaqua, N. Y. (Jan. '37)

COOK, JOHN H., Governor, The Society for Establishing Useful Manufactures, 72 McBride Ave., Paterson, N. J. (July '06)

COOK, PAUL D., Lake County San. Engr., Court House, Painesville, O. (Mar. '34)

COOK, WILLIAM J. M., Chief Chemist, Neckar Water Softener Co., Ltd., Artillery House, Artillery Row, London, S. W. 1, England (June '34)

COOK, WILL W., Advisory Engr., 546 79th St., Seattle, Wash. (Apr. '38)

COOPER, F. J., Waterworks Supt., Dryden, Ont., Can. (Jan. '37)

COOPER, M. B., Asst. City Engr., Augusta, Ga. (May '33)

COOPER, ROBERT E., Chemist, Delmar, Del. (Jan. '35)

COPELAND, ROSS A., Supt., Pipe Construction., Los Angeles Dept. of Water & Power, 6676 Franklin Ave., Los Angeles, Calif. (Oct. '30)

COPPER & BRASS RESEARCH ASSN., Carter S. Cole, Engr., 420 Lexington Ave., New York, N. Y. (Assoc. M. Aug. '23)

CORIN, MAGNUS F., Chemist, 511 Hansberry St., Germantown, Philadelphia, Pa. (Apr. '10)

CORINE, GEORGE A., Supt., Water & Gas Dept., Superior Water, Light & Power Co., Superior, Wis. (Oct. '24)

CORNEJO, ANTONIO, Chief Engr., Mexico City Water Works, Augustin V. Eguia 19, Tacubaya, D. F., Mexico (Jan. '36)

CORNELISON, WM. R., Chief Clerk, Water Dept., City Hall, Perth Amboy, N. J. (Jan. '37)

CORNELL, CHAS. BROWN, Constr. Engr., New Municipal Airport, Dundalk, Md. (May '28)

CORNELL, E. F. (*See* Hawaiian Pineapple Co., Ltd.)

CORNELL, W. M., Mgr., Public Utilities Comm., 741 Queen St., E., Sault Ste. Marie, Ont., Can. (Jan. '37)

CORNING WATER WORKS, G. E. Wright, Supt., City Hall, Corning, N. Y. (Corp. M. Apr. '13)

CORNWALL, (MISS) GEORGIA, Sect.-Treas.-Mgr., Randsburg Water Co., Randsburg, Calif. (Oct. '37)

CORTESE, J. R., Supt., Water Works, 411 So. Second St., Livingston, Mont. (Mar. '25)

COSCULLUELA, JUAN A., Cons. Engr., Calle Linea Numero 72, Altos, Havana, Cuba (Oct. '13)

COTTINGHAM, C. R., Auditor, Independence Waterworks Co., 206 N. Liberty St., Independence, Mo. (Jan. '37)

COTTON, EDWIN R., Cons. Engr., 70 Monroe Dr., Williamsville, N. Y. (Apr. '37)

COUGHLAN, ROBERT E., Supervisor of Water Supply, C. & N. W. Ry. Co., 400 W. Madison St., Chicago, Ill. (Feb. '23)

COUGHLEN, HARRY G., JR., Asst. Supt., Pumping Dept., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Jan. '37)

COURTER, W. ARTHUR, Local Mgr., New York Water Service Co., 3 West St., Haverstraw, N. Y. (Apr. '37)

COWAN, J. F. (See Casper, City of)

COWHAM, GLENN W., 123 W. 5th St., Montgomery, Ala. (Jan. '38)

COWLES, M. WARREN, Hackensack Water Co., Filtration Plant, New Milford, N. J. (Apr. '19)

COX, CHARLES R., Chief, Bur. of Water Supply, Div. of Sanitation, State Dept. of Health, Albany, N. Y. (July '21)

COX, W. JEFF (See Crown Point Water Dept., City of)

CRABBE, B. F., McWane Cast Iron Pipe Co., Birmingham, Ala. (July '35)

CRABILL, E. F., Supt., Board of Public Works, City Hall, Niles, Mich. (Apr. '38)

CRAIG, EARL C., 301 W. 105th St., New York, N. Y. (Apr. '30)

CRAIG, ROBERT H., Cons. Engr., 222 N. Third St., Harrisburg, Pa. (May '19)

CRAMER, CLARK J., Pumping Station Engr., Richmond Pike, R. F. D. No. 1, Lexington, Ky. (July '30)

CRAMER, HERMAN, R. F. D. No. 1, Yorktown Heights, N. Y. (Jan. '37)

CRANCH, EUGENE T., Mgr., The New Rochelle Water Co., 304 Eastchester Rd., New Rochelle, N. Y. (Mar. '22)

CRANE CO., A. M. Houser, Engr. of Production, 836 S. Michigan Ave., Chicago, Ill. (Assoc. M. Jan. '26)

CRANE, D. W., Chemist, Chesapeake & Ohio Railway Co., Columbus, O. (Jan. '37)

CRANE, HAROLD L., Supt., Elizabethtown Water Co., Consol., 9 Wilson Ter., Elizabeth, N. J. (Oct. '35)

CRAWFORD, IVAN C. (See Idaho, University of)

CRAWFORD, WILLIAM H., Dist. Engr. York Flood Cont. Board, 5013 N. Sydenham St., Philadelphia, Pa. (Jan. '36)

CRIST, MARION L., Engr., Little Rock Municipal Water Works, Capitol & Broadway, Little Rock, Ark. (Feb. '33)

CRITCHLOW, H. T., Div. Engr., N. J. State Water Policy Comm., Trenton Trust Company Bldg., Trenton, N. J. (Feb. '30)

CROCKER, J. R., Dist. Mgr., Permutit Co., 523 B. M. A. Bldg., Kansas City, Mo. (July '38)

CROCKETT, C. L., Asst. Chemist, Norfolk & Western Railway, Roanoke, Va. (Jan. '35)

CROFT, HARRY P., Chief Engr., State Dept. of Health, State House, Trenton, N. J. (Jan. '24)

CROLL, EMIL A., Retired, 639 Putnam St., Orlando, Fla. (Sept. '93)

CRONISTER, J. R., Mgr., Dorchester Water Co., Cambridge, Md. (June '34)

CRONKRIGHT, ARTHUR B., Box 81, Hopatcong, N. J. (Jan. '37)

CROSBY, LOTHROP, Asst. Engr., Water Div., 402 City Hall, Tacoma, Wash. (Jan. '36)

CROSS, ARTHUR D. (See Mount Holly Water Co.)

CROW, FRANK G., Gen. Mgr., Water Dept., Florence, Ala. (July '35)

CROWN POINT WATER DEPT., CITY OF, W. Jeff Cox, Supt., Crown Point, Ind. (Corp. M. Jan. '38)

CROZIER, RAY, Engr. & Supt., Peoria Water Works, Peoria, Ill. (Feb. '15)

CUDDEBACK, ALLAN W., Federal Water Service Corp., 90 Broad St., New York, N. Y. (June '04) *President '27. Vice-Pres. '18. Trustee '15-'17, '19-'21. Exec. Comm. '28, '29.*

CULLEN, BERNARD W., Supt., Water Pipe Extension, 404 City Hall, Chicago, Ill. (May '34)

CULLER, PAUL D., Supt., Water Dept., Cocoa, Fla. (July '38)

CULLIGAN ZEOLITE COMPANY, 1895 Shermer Ave., Northbrook, Ill. (Assoc. M. Apr. '38)

CULLMAN, CITY OF, J. A. Dunlap, Mayor, City Light & Water Plant, Cullman, Ala. (Corp. M. July '35)

CULTER, L. W., Supv. Refrig. Engr., Florida Power & Light, Miami, Fla. (Apr. '34)

CUNLIFFE, RUSSELL W., Health Dept., City Hall, Milwaukee, Wis. (Dec. '26)

CUNNINGHAM, A. H., Dist. Mgr., Atlas Powder Co., 411 W. 5th St., Los Angeles, Calif. (Jan. '37)

CUNNINGHAM, F. G., Fuller & McClintock, 11 Park Place, New York, N. Y. (Apr. '23) *Director '31-'35.*

CUNNINGHAM, JOHN W., Cons. Engr., 414 Spalding Bldg., Portland, Ore. (May '29)

CUNNINGHAM, M. B., Supt. & Engr., Oklahoma City Water Dept., Oklahoma City, Okla. (Oct. '30)

CURRIE, C. H., Pres., Currie Engineering Co., Webster City, Ia. (Apr. '20)

CURRY, TRUMAN MINOR, JR., 240 Martine Ave., White Plains, N. Y. (Feb. '30)

CURTIS, J. EUGENE, Sr. Engr., Dalecarlia Filter Plant, Washington, D. C. (May '23)

CURTIS, WM. E., Mgr., Belmont County Water Dist., Belmont, Calif. (July '35)

CUTHIELL, C., Supt. of Water Works, Dickson St., Galt, Ont., Can. (Apr. '29)

CUTLER-HAMMER, INC., C. S. Pinkerton, Mgr., Public Works & Utilities Sales, 12th St. & St. Paul Ave., Milwaukee, Wis. (Assoc. M. Jan. '36)

CYR, RENE, San. Engr., Provincial Bur. of Health, 89 Notre Dame St., E., Montreal, Que., Can. (Jan. '34)

DAFOE, A. L., Supt., Water Works Dept., Napanee Public Util. Comm., Napanee, Ont., Can. (Feb. '32)

DAGLEY, JACK, Sales Dir., Burgess Zeolite Co., Ltd., 72 Horseferry Road, London, S. W. 1, England (Apr. '38)

DAHLE, C. A., Supt., Stoughton Water Works, Stoughton, Wis. (July '35)

DAHLJELM, IRVING L., 103 North Ave., Highland Park, Mich. (Jan. '38)

DAHM, HENRY L., G. S. Robins & Co., 316-320 S. Commercial St., St. Louis, Mo. (July '35)

DAIGNEAU, P. J. (See Tilbury Public Utilities Commission)

DALE, H. B., Asst. Chemist, Chesapeake & Ohio Railway Co., 407 C. & O. Station Annex, Huntington, W. Va. (July '37)

DALLACH, W. A., Mgr., Water Works Dept., Crane Co., 836 S. Michigan Ave., Chicago, Ill. (July '35)

DALLAS, HARRY A., Cons. Engr. & Asst. City Engr., Church & Bond Sts., Salisbury, Md. (Jan. '37)

DANDRIDGE, E. F., Supervising Clerk, Dept. of Water & Power, 4914 Monte Vista Ave., Los Angeles, Calif. (Oct. '34)

DANGLER, J. R., Cast Iron Pressure Pipe Inst., Earle Bldg., Room 1006, Washington, D. C. (Apr. '31)

DANIELS, FRANCIS E., State Dept. of Health, Eng. Div., 2115 N. Second St., Harrisburg, Pa. (Sept. '16)

DANIELS, PAUL I., Land Agt., East Bay Municipal Utility Dist., 512—16th St., Oakland, Calif. (May '33)

DANNER, H. M., Dist. Sales Mgr., The Permutit Co., 522 Union Bldg., 1836 Euclid Ave., Cleveland, O. (July '37)

DARBY, GEORGE M., Director, Westport Mill, The Dorr Co., 61 Washington Ave., Westport, Conn. (Apr. '36)

DARCO CORP., 60 E. 42nd St., New York, N. Y. (Assoc. M. Jan. '36)

DARK, WATSON A., Vice-Pres., Illinois Water Service Co., 122 N. Walnut St., Champaign, Ill. (May '29)

DARLING, ERNEST HOWARD, M. E., Cons. Engr., 21 Stanley Ave., Hamilton, Ont., Can. (Dec. '25)

DARLING, K. E., Gen. Mgr., Southern Wyoming Utilities, Rock Springs, Wyo. (Oct. '37)

DARLING VALVE & MFG. CO., Williamsport, Pa. (Assoc. M. May '08)

DARROW, HENRY D., Supt., Water Works Dept., 408 Broadway, Kingston, N. Y. (Jan. '36)

DAUGHERTY, FRANK, Pres., Scofield Engineering Co., 1324 Commercial Trust Bldg., Philadelphia, Pa. (Mar. '31)

DAVENPORT, J. D., Sect. & Treas., Sturgis Waterworks Co., Sturgis, S. D. (July '35)

DAVIDSON, FREDERICK R. (See Hicksville Water District)

DAVIDSON, GEORGE M., Ind. Engr., C. & N. W. Ry. Co., 211 N. East Ave., Oak Park, Ill. (Mar. '15)

DAVIES, W. F., Supt., Gloversville Water Works, 19 W. Fulton St., Gloversville, N. Y. (Feb. '32)

DAVIS, ALBERT R., Supt., Water Dept., Austin, Tex. (Jan. '35)

DAVIS, C. A. (See General Management Corp.)

DAVIS, C. LEWIS, 507 Niely St., East Point, Ga. (July '35)

DAVIS, CARLETON E., Mgr., Philadelphia Suburban Water Co., 762 Lancaster Ave., Bryn Mawr, Pa. (Apr. '12) *President '20. Vice-Pres. '19. Trustee '16-'18. Exec. Comm. '21, '22.*

DAVIS, DANIEL E., The Chester Engineers, Century Bldg., 130 Seventh St., Pittsburgh, Pa. (May '30)

DAVIS, H. F., Dist. Mgr., Wallace & Tiernan Co., Inc., 1720 Beverly Dr., Charlotte, N. C. (Dec. '23)

DAVIS, HARRY S. (See East Chicago Department of Water Works)

DAVIS, S. H., Supt., Benwood & McMechen Water Co., 4820 Water St., Benwood, W. Va. (Mar. '34)

DAVIS, WALTER S., 686 Myrtle Ave., Albany, N. Y. (May '33)

DAW, LAWRENCE, Mgr., N. Y. Fire Insurance Rating Organization, 400 E. Genesee St., Syracuse, N. Y. (May '16)

DAWES, E. A., Dawes Silica Mining Co., Thomasville, Ga. (Feb. '33)

DAWSON, F. M., Dean, College of Engineering, Univ. of Iowa, Iowa City, Ia. (Oct. '28)

DAY, ISAAC L., Comnr. of Public Works, 4 Wheeler Ave., Pleasantville, N. Y. (Apr. '38)

DEAN, JOHN B., Water Comm., 312 City Hall, St. Louis, Mo. (Apr. '30)

DEBERARD, W. W., "Engineering News-Record," 520 No. Michigan Ave., Chicago, Ill. (June '12)

DE BRITO FILHO, F. SATURNINO R., San. Engr., Caixa 1631, Rio de Janeiro, Brazil (May '30)

DECKER, A. CLINTON, San. Engr., Tennessee Coal, Iron & Railroad Co., Birmingham, Ala. (June '14)

DECKER, ARTHUR J., Cons. Civil Engr., 2014 Geddes Ave., Ann Arbor, Mich. (May '23)

DECKER, FRED (*See* Maybrook Water Board)

DE COSTA, JOSEPH D., San. Engr., East Bay Municipal Utility Dist., 512 16th St., Oakland, Calif. (Sept. '23)

DE GROOT, J. C., Supt., Clear Springs Water Service Co., 2019 Main St., Northampton, Pa. (Jan. '31)

DE JARNETTE, N. M., Chemist, State Board of Health Lab., Atlanta, Ga. (Mar. '30)

DELANEY, J. T., Dist. Mgr., California Water Serv. Co., 365 B. St., San Mateo, Calif. (Oct. '24)

DELAPORTE, ANTOINE V., Chem. Engr., Experiment Station, Ontario Dept. of Health, 807 Richmond St., Toronto, Ont., Can. (July '37)

DE LAVAL STEAM TURBINE CO., H. L. Watson, Sales Mgr., Trenton, N. J. (Assoc. M. Nov. '17)

DELAVAN WATER COMMISSION, Chas. S. Moses, Supt., Delavan, Wis. (Corp. M. June '23)

DE LEUW, CHARLES E., Charles de Leuw & Co., Engrs., 20 N. Wacker Dr., Chicago, Ill. (Nov. '23)

DE MARTINI, FRANK EDWARD, San. Engr., San Francisco Water Dept., Millbrae, Calif. (Sept. '27)

DEMING WATER DEPT., A. J. Noyes, Deming, N. M. (Corp. M. May '19)

DeMoya, P. Paul, Mgr., Consumer's Water Co., Stuart, Fla. (Dec. '26)

Denham, H. L. (See Pittsburg Municipal Water Co.)

Dennett, Robert C., Hyd. Engr., National Board of Fire Underwriters, 85 John St., New York, N. Y. (May '14)

Denton, Frank, Supt. of Water Works, Salem, Ill. (Aug. '33)

Denver, City & County of, Board of Water Commissioners, George F. Hughes, Mgr., P. O. Box 629, Denver, Colo. (Corp. M. Apr. '34)

Derby, Ray L., Asst. San. Engr., Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (May '26)

Derocha, Louis, Sr. Gen. Foreman, in Charge of Water Constr. & Maintenance, 208 Sewerage & Water Board Bldg., New Orleans, La. (July '37)

de Santamaria, Carlos S., San. & Civil Engr., Apartado No. 409, Bogota, Colombia, S. A. (Jan. '35)

Des Baillets, C. J., Chief Engr., Montreal Water Board, 3161 Joseph St., Verdun, Que., Can. (Mar. '34)

Deseronto Public Utilities Commission, S. C. Hughes, Supt., Water Dept., Deseronto, Ont., Can. (Corp. M. Jan. '37)

Deslauriers, Alfred J., C. E., City of Lachine Water Works, 580 St. Joseph, Lachine, Que., Can. (Dec. '33)

Des Moines Water Works, Dale L. Maffitt, Secy. and Gen. Mgr., Des Moines, Ia. (Corp. M. Jan. '36)

Detweiler, John C., Constr. Engr., Metropolitan Utilities Dist., Omaha, Neb. (Mar. '30)

Devendorf, Earl, Assoc. Director, Div. of Sanitation, State Health Dept., 1228 State St., Schenectady, N. Y. (May '19)

Devilbiss, H. Roland, Dept. Engr., Washington Suburban Sanitary Dist., Hyattsville, Md. (Apr. '22)

Dewey, Hugh S., Mgr., Western New York Water Co., 11 Niagara St., Buffalo, N. Y. (May '29)

Diamond Alkali Co., J. D. Mattern, Asst. Mgr. of Sales, 436 Seventh Ave., Pittsburgh, Pa. (Assoc. M. Apr. '37)

Dick, Robert, San. Engr., 420 Lexington Ave., Room 2412, New York, N. Y. (Jan. '37)

Dickson, W. K., Civil Engr., 119 Circle Ave., Charlotte, N. C. (Apr. '38)

Diederich, Peter (See Glendale Public Service Dept.)

Diemer, Robert B., Dist. Engr., Metropolitan Water Dist., 306 W. 3rd St., Los Angeles, Calif. (Oct. '37)

Dignan, B. T., Chemist & Bacteriologist, City Water Works, Niagara Falls, N. Y. (Apr. '19)

Dill, H. A., Supt., Water Works, Richmond, Ind. (May '00) *Exec. Comm. '06–'10. Director '38, '39–.*

Dill, W. N., Mgr., Mueller Co., Pacific Coast Factory, 2801 East 12th St., Los Angeles, Calif. (July '38)

Dillman, Fred C., Supt., City Water Works, City Hall, Bloomington, Ind. (Jan. '37)

Dillon, G. M., Supt. of Public Works, Borough of Braddock, Pa., 727 Braddock Ave., Braddock, Pa. (Apr. '38)

DILLON, J. J., San. Chemist, R. I. Dept. of Public Health, Providence, R. I. (July '38)

DILLON, RICHARD, Registrar, Water Bur., Metropolitan Distr. Comm., Municipal Bldg., Hartford, Conn. (Aug. '29)

DILLON, S. E. (See Hot Springs Water Co.)

DILLON, S. E., Local Mgr., California Water Serv. Co., Box 1148, Bakersfield, Calif. (May '27)

DILWORTH, H. M., Engr., Township of Etobicoke, Islington, Ont., Can. (Jan. '38)

DIMICK, ARTHUR E., Asst. Sect., Appleton Water Comm., 125 N. Walnut St., Appleton, Wis. (Apr. '29)

DISHER, ROBERT J., Northwest Mgr., Pacific States Cast Iron Pipe Co., Spalding Bldg., Portland, Ore. (June '30)

DISTRICT OF COLUMBIA WATER DEPT., J. B. Gordon, Director of San. Engineering, Municipal Bldg., Washington, D. C. (Corp. M. Apr. '31)

DITCHBURN, A. E. (See Strathroy Public Utilities Commission)

DITTOE, W. H., Chief Engr., Mahoning Valley Sanitary Dist., Youngstown, O. (May '14)

DIVEN, JOHN M., Leadite Co., Inc., 3445 84th St., Jackson Heights, L. I., N. Y. (June '13)

DIVEN, MELVIN H., Sect., Mt. Union Boro Water Works, Box 606, Mt. Union, Pa. (July '35)

DIVINE, LESLIE T., Water Plant Operator, Monticello, N. Y. (Jan. '36)

DIXIE LIME PRODUCTS CO., T. F. Sheridan, Ocala, Fla. (Assoc. M. Apr. '37)

DIXIE MILL SUPPLY CO., INC., H. W. Sanford, Vice-Pres., 901 Tchoupitoulas St., New Orleans, La. (Assoc. M. July '37)

DIXON, G. GALE, Chief Flood Control Engr., 306 Arcade Bldg., Harrisburg, Pa. (June '20)

DIXON, JAS. I., Supt. Water Dept., 401 Benton St., Santa Clara, Calif. (May '26)

DIXON, LEON S., M. E., Box 300 G. C. Annex, New York, N. Y. (Feb. '31)

DIXON, R. M., San. Engr., P. O. Box 2701, Dallas, Tex. (Apr. '38)

DOANE, NORMAN D., 831 E. Morehead St., Charlotte, N. C. (Sept. '31)

DOBBIN, R. L., Gen. Mgr., Peterborough Utilities Comm., 295 Reid St., Peterborough, Ont., Can. (Feb. '23) *Hon. Member '37. Diven Medal '30. President '32. Trustee '26–'28. Director '33.*

DODD, CHAS. K., 208 Commercial & Professional Court Bldg., Sarasota, Fla. (Jan. '36)

DODD, RENNIE I., Chester Water Service Co., Box 67, Chester, Pa. (Apr. '22)

DODDS, CLYDE H., City Mgr., Las Cruces, N. M. (Oct. '37)

DODGE, FRED L., Div. Mgr., California Water Serv. Co., 501 Federal Reserve Bank Bldg., San Francisco, Calif. (July '26)

DOLAND, JAMES J., Prof. of Civil Engineering, Univ. of Illinois, 317 Engineering Hall, Urbana, Ill. (Nov. '29)

DOMOGALLA, BERNHARD, Chemist, University Club, 803 State St., Madison, Wis. (Feb. '26)

DONAHUE, JAMES P., 1231 S. Second St., Louisville, Ky. (Apr. '84) *Hon. Member '25. President '94. Vice-Pres. '88, '93. Exec. Comm. '87, '90–'92, '95.*

DONALDSON, EDGAR F., Chief Engr., Water Works, R. D. No. 1, Defense Highway, Annapolis, Md. (Feb. '32)

DONALDSON IRON CO., Emaus, Lehigh Co., Pa. (Assoc. M. Nov. '17)

DONALDSON, WELLINGTON, San. Engr., Sewage Treatment Operation, Dept. of Sanitation, 125 Worth St., Room 822, New York, N. Y. (Apr. '10)

DONNAN, WILLIAM C., Div. Supt., Bur. of Water, 412 City-County Bldg., Pittsburgh, Pa. (Apr. '30)

DONOHUE, JERRY, Pres., Donohue Engineering Co., Sheboygan, Wis. (June '22)

DONOVAN, JAMES A., Mgr. & Chief Engr., P. Tomasetti Contracting Corp., 1066 60th St., Brooklyn, N. Y. (Apr. '37)

DORION, OTTO ROBERTO (See Guatemala City Compania Del Agua Del Mariscal, S. A.)

DORION, ROBERT, City Engr., City Hall, Lachine, Que., Can. (Jan. '36)

DORR CO., INC., THE, 570 Lexington Ave., New York, N. Y. (Assoc. M. June '27)

DORRANCE, FRANK YOUNG, Div. Engr., Montreal Water Board, 341 Brock Ave., N., Montreal, West, P. Q., Can. (July '20)

DOTTERWEICH, A. J., Dist. Sales Engr., Permutit Co., 615 Dollar Sav. & Treas. Bldg., Pittsburgh, Pa. (July '38)

DOUGHERTY, BEN R., Supt., Richmond Water & Light Co., Richmond, Ky. (Apr. '24)

DOUGHERTY, D. J., Supt., Talladega Light & Water Comm., Talladega, Ala. (May '25)

DOUGLAS, DONALD C., Tech. Sales Engr., % The Cedars, Hendersonville, N. C. (Jan. '37)

DOVER WATER COMMISSIONERS, Earl C. Nelson, Clerk, Municipal Bldg., Room 6, Dover, N. J. (Corp. M. May '18)

DOW, ALEX., Pres., The Detroit Edison Co., 2000 Second Ave., Detroit, Mich. (Aug. '19)

DOWELL, C. L. (See Central Power & Light Co.)

DOWNER, WILLIAM J., Asst. San. Engr., State Dept. of Public Health, Springfield, Ill. (Jan. '36)

DOWNING, RODERICK L., Assoc. Prof. of Civil Engineering, Univ. of Colorado, 983 14th St., Boulder, Colo. (July '35)

DRAKE, ALAN D., 209 Lancaster Ave., Buffalo, N. Y. (Jan. '34)

DRAKE, CHESTER F., Supt. of Filtration, 226 Delafield Ave., Aspinwall, Pa. (Apr. '10)

DRAKE, WILLIAM O., Cons. Engr., 35 E. 4th St., Corning, N. Y. (Apr. '17)

DRAUGHN, T. D., Hazard, Ky. (July '35)

DRAVES, HARRY J., Acting Supt., 321 Franklin St., Michigan City, Ind. (Jan. '38)

DRESSER, S. R., MFG. CO., Bradford, Pa. (Assoc. M. June '04)

DRESSLER, C. P. (See Gainesville, City of)

DRIFTMIER, MARK E., Citizens Water Co., 314 N. Fourth St., Burlington, Iowa (July '37)

DRIGGS, EDWIN L., Office Engr., East Bay Municipal Utility Dist., 512 16th St., Oakland, Calif. (May '33)

DRISCOLL, FLORENCE E., Water Registrar & Sect., Haverhill Water Dept., 14 Court St., Haverhill, Mass. (July '37)

DROST, W. P., Water Supt., 1015 Bond St., Bend, Ore. (July '35)
DRUAR, JOHN F., Cons. Engr., 830 Globe Bldg., St. Paul, Minn. (Nov. '19)
DUBOIS, F. W., Pres., F. W. Dubois Co., 2832 E. Gd. Blvd., Detroit, Mich. (Jan. '38)
DUCKWORTH, LEON S., Filter Plant Supt., R. D. No. 5, Lancaster, Pa. (Jan. '37)
DUFF, ROBERT A. (See Medford Water Commission)
DUFFY, JAMES M., Village Engr., Mamaroneck, N. Y. (June '22)
DUFFY, WILLIAM B., Supt., Public Works, North Andover, Mass. (July '35)
DUGAN, F. C. (See Kentucky State Board of Health)
DUGGER, EUGENE F., Gen. Mgr., Newport News Waterworks Comm., Newport News, Va. (May '24) *Director '35-'37, 39. President '38.*
DUKE, THOMAS A., Pres., Maysville Water Co., 207 Court St., Maysville, Ky. (June '29)
DUNBAR, CHAS. A., City Engr. & Supt., Water Works, Valdosta, Ga. (Apr. '38)
DUNCAN, D. L., Dist. Mgr., California Water Serv. Co., Box T-1, Martinez, Calif. (Aug. '30)
DUNGAN, WALTER P., Supt., Water Dept., 630 East E. St., Elizabethton, Tenn. (July '35)
DUNHAM, HENRY G., Bacteriologist, 920 Henry Street, Detroit, Mich. (June '25)
DUNHAM, STANLEY, Gen. Constr. Supt., Dept. of Water & Power, Cain Ranch Camp, Bishop, Calif. (Oct. '34)
DUNKIRK BOARD OF WATER COMMISSIONERS, W. O. Peck, Supt., City Hall, Dunkirk, N. Y. (Corp. M. Apr. '37)
DUNLAP, J. A. (See Cullman, City of)
DUNN, STEPHEN M., Asst. Mech. Engr., Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (Sept. '31)
DUNN, WILLIAM CAREY, Supt. Mt. Hope Filter Plant, Box 1441, Cristobal, C. Z. (Nov. '19)
DUNNVILLE PUBLIC UTILITIES COMMISSION, H. E. Foster, Mgr., Dunville, Ont., Can. (Corp. M. Jan. '35)
DUNSTAN, GILBERT H., Asst. Prof. of Mechanics, Univ. of Alabama, University, Ala. (July '31)
DUNSTAN, JAMES, City Engr., City Engineer's Office, City Hall, Wenatchee, Wash. (Apr. '38)
DUNWOODY, J. S., Supt., Water Dept., Erie, Pa. (June '13) *Director '33-'35.*
DU PRE, R. B., City Mgr., 406 Whitlock Ave., Marietta, Ga. (July '35)
DURBIN, W. H., C.E., Asst. Mgr. Terre Haute Water Works Co., 634 Cherry St., Terre Haute, Ind. (May '23)
DURHAM WATER DEPT., City Hall, Durham, N. C. (Corp. M. July '34)
DURKEE, GEORGE A., Supt., Water Works, 37 Silver St., Clifton Springs, N. Y. (Apr. '37)
DUTTON, MARSHALL S., Supt. of Water, Municipal Bldg., Oak Park, Ill. (Apr. '37)
DWYER JOHN D., Ch., Water & Sewer Board, 110 South Border Road, Medford, Mass. (May '22)
DYER, EDWARD A., Supt. Water Dept., Cobleskill, N. Y. (Apr. '37)
DYSON, SAMUEL, Water Works Supt., Raymond, Alta., Can. (Jan. '37)

EARHART, FRED A., Comm. of Public Utilities, City Hall, New Orleans, La. (July '37)

EARL, GEORGE GOODELL, Cons. Engr., 1419 Henry Clay Ave., New Orleans, La. (July '07) *Hon. Member '26. President '15. Vice-Pres. '11–'14. Exec. Comm. '16, '17.*

EAST, L. A., Supt. of Water Works, Savannah, Ga. (Nov. '29)

EAST AURORA, VILLAGE OF, Edward D. Neal, Supt. of Water Works, Village Hall, Main St., East Aurora, N. Y. (Corp. M. Apr. '37)

EAST BAY MUNICIPAL UTILITY DISTRICT, 512 Sixteenth St., Oakland, Calif. (Corp. M. Sept. '29)

EAST CHICAGO DEPT. OF WATER WORKS, Harry S. Davis, Mgr., 4733 Olcott Ave., East Chicago, Ind. (Corp. M. Jan. '36)

EAST HELENA, CITY OF, Water Dept., John Gough, Supt., East Helena, Mont. (Corp. M. Apr. '38)

EASTWOOD, C. (See London Public Utilities Commission)

EASTWOOD, CHAS. H., Wallace & Tiernan Co., Inc., Newark, N. J. (July '35)

EAST YORK, TOWNSHIP OF, Works Commission, 443 Sammon Ave., Toronto, Ont., Canada (Corp. M. Jan. '35)

EATON, THOMAS J., Supt., Bureau of Water, Amsterdam, N. Y. (July '35)

EBASCO SERVICES INC., A. C. Clogher, 2 Rector St., New York, N. Y. (Corp. M. Mar. '29)

ECKART, NELSON A., Gen. Mgr. & Chief Engr., Water Dept., 425 Mason St., San Francisco, Calif. (Mar. '30) *Director '37–'39.*

ECKERT, ALFRED, Dir. of Public Works, 3 Jefferson Court, Saginaw, Mich. (Jan. '29)

ECKERT, OTTO E. (See Lansing Board of Water & Electric Light Commissioners)

ECKHARDT, MALCOLM M. (See Birmingham Water Co.)

EDDY, HARRISON P., JR., Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (Apr. '30)

EDDY VALVE CO., Waterford, N. Y. (Assoc. M. June '86)

EDSON CORP., J. William Wickwire, 49–51 D St., South Boston, Mass. (Assoc. M. Mar. '23)

EDWARDS, A. B., Chief Operator, Pumping Plant, Burlington, Ont., Can. (Jan. '37)

EDWARDS, D. W., Vice Pres., Layne Louisiana, Inc., Lake Charles, La. (July '38)

EDWARDS, GAIL P., 104 Summer St., Malden, Mass. (July '34)

EDWARDS, GARRET A. (See Windsor Utilities Commission)

EDWARDS, S. E. (See Lafayette Water Works)

EDWARDS, WILLIAM R., Vice-Pres., New York Water Service Corp., 20 East Ave., Rochester, N. Y. (Apr. '14)

EGAN, J. H., Crane Co., 321 E. Third St., Los Angeles, Calif. (Oct. '31)

EGBERT, DONALD C., City Mgr., Water Dept., Birmingham, Mich. (Jan. '38)

EGGERT, E. G., Div. Engr., State Board of Health, P. O. Box 666, Albany, Ga. (Oct. '27)

EHLERS, V. M., Chief San. Engr., Texas State Dept. of Health, Austin, Tex. (Oct. '27)

EICHBERG, E., Representative, The Glauber Brass Mfg. Co., 3215 W. Franklin St., Richmond, Va. (Oct. '37)

EICHINGER, E. C., Chemist, Oshkosh Filter & Softener Co., P. O. Box 694, Oshkosh, Wis. (July '37)

ELDER, ALBERT L., Asst. Prof. of Chemistry, Syracuse Univ., Bowne Hall, Syracuse, N. Y. (Sept. '28)

ELDER, CLAYBURN C., Hydrographic Engr., Metropolitan Water Dist. of So. Calif., 306 W. 3rd St., Los Angeles, Calif. (Aug. '31)

ELDRIDGE, H. D., Treas., Princeton Water Co., Princeton, N. J. (Apr. '16)

ELECTRO BLEACHING GAS CO., 9 E. 41st St., New York, N. Y. (Assoc. M. Apr. '13)

ELKHORN LIGHT & WATER COMMISSION, Neal B. Thayer, Supt., Elkhorn, Wis. (Corp. M. Oct. '35)

ELLERKER, STANLEY, Supt. of Water Works, Forest, Ont., Can. (July '37)

ELLIOTT, CARROLL L. (See Austin Board of Water, Electric, Gas & Power Commissioners)

ELLIOTT, EARL C., Pres., California Water Serv. Co., Federal Reserve Bank Bldg., San Francisco, Calif. (July '28)

ELLIOTT, WILSON D., Chemist & Bacteriologist, Water Works, Ottumwa, Iowa (Jan. '31)

ELLIS, GEORGE R., Canandaigua, N. Y. (July '07)

ELLIS, N. RANDALL, Valuation Engr., City Attorney's Office, 206 City Hall, San Francisco, Calif. (June '20)

ELLIS, RICHARD H., Engr., Insp. Dept., Assoc. Factory Mut. Fire Ins. Cos., 184 High St., Boston, Mass. (Apr. '38)

ELLMS, JOSEPH W., Comm. of Sewage Disposal, Dept. of Public Utilities, City Hall, Cleveland, Ohio. (Oct. '19) *Trustee '23–'25.*

ELLSWORTH, FRED D., Local Mgr., California Water Serv. Co., 132 Main St., Petaluma, Calif. (Oct. '27)

ELLSWORTH, HARRY, Supt., Water & Light Dept., Meadville, Pa. (July '07)

ELLSWORTH, SAMUEL M., Cons. Engr., 12 Pearl St., Boston, Mass. (Apr. '30)

ELMIRA WATER BOARD, H. M. Beardsley, Gen. Mgr., City Hall, Elmira, N. Y. (Corp. M. Mar. '15)

ELNOR, G. E. (See North Bay, City of)

ELROD, HENRY E., Cons. Engr., 316 Petroleum Bldg., Houston, Tex. (Feb. '16)

ELTING, OSCAR R., Asst. Engr., Bur. of Water Supply, 403 Municipal Building Akron, Ohio (Feb. '30)

ELY, HOWARD M., Supt., Water Co., Danville, Ill. (June '09)

ELY, VAN HORN, JR. (See Philadelphia Suburban Water Co.)

EMERSON, C. A., JR., New York Representative, George B. Gascoigne & Associates, Woolworth Bldg., New York, N. Y. (May '08)

EMERY, FLOYD A. (See Batavia, City of)

EMIGH, WILLIAM C., City Engr., Coatesville, Pa. (Jan. '37)

EMPORIUM WATER CO., H. G. Tompkins, Supt., Emporium, Pa. (Corp. M. Mar. '26)

END, CHARLES F., Supt., Raritan Township Water Dept., Route #19, New Brunswick, N. J. (May '30)

END, WILLIAM F., Civil Engr., 2 Georgian Court, Troy, N. Y. (Jan. '26)

ENDICOTT WATER WORKS CO., Earle J. Grippen, Supt., Endicott, N. Y. (Corp. M. Feb. '28)

ENGEL, P. N., Pres., International Filter Co., 59 East Van Buren St., Chicago, Ill. (June '19)

ENGER, M. L., Dean of College of Engineering & Director of Eng. Experiment Sta., Univ. of Illinois, Urbana, Ill. (Mar. '15)

ENGINEERING NEWS-RECORD, 330 W. 42nd St., New York, N. Y. (Assoc. M. May '18)

ENGLE, JAMES W., Chem. Engr., 934 N. Irving St., Arlington, Va. (Sept. '23)

ENGLISH, JAMES A., City Engr. & Supt. of Water Works, Salisbury, N. C. (Dec. '33)

ENSLOW, LINN H., Editor, "Water Works & Sewerage," 155 E. 44th St., New York, N. Y. (Aug. '18) *Diven Medal '35. Director '36–'39.*

ENTWHISTLE, RICHARD R., Sr. Chemist & Bact., Covington W. W., 1617 Scott St., Covington, Ky. (Apr. '38)

ERICKSON, D. L., City Engr., Lincoln, Neb. (June '24)

ERICKSON, E. H., Salesman, Crane Co., 126 S. Post St., Spokane, Wash. (Jan. '36)

ERICKSON, WENDELL J., Asst. San. Engr., N. Y. State Dept. of Health, State Office Building, Albany, N. Y. (Jan. '24)

ERWIN, THAD M., Water Sales Agent, Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (Sept. '31)

ESCHENFELDER, A. F. (See Glen Ridge Water Dept.)

ESTABROOK, JOSEPH B., 521 Sexton Bldg., Minneapolis, Minn. (Apr. '36)

ESTEY, CHAS. A., Mgr., Pacific States Cast Iron Pipe Co., 437 So. Hill St., Los Angeles, Calif. (Oct. '37)

ESTY, ROGER W., Supt., Water Dept., 17 Hobart St., Danvers, Mass. (Mar. '24) *Director '39–.*

ETCHISON, E. C., Supt. of Filtration, West Point Mfg. Co., Fairfax Mills Div., Fairfax, Ark. (July '38)

EVANS, EDMUND BOYCE, Sr. Chemist & Bact., Water Works, 1215 Elgin Pl., Mt. Adams, Cincinnati, Ohio (Jan. '27)

EVANS, G. TAYLOR, Vice-Pres. & Gen. Mgr., Ohio Water Service Co., Struthers, Ohio (Apr. '28)

EVANS, J. CLAIRE, The Denver Fire Clay Co., P. O. Box 5510, Denver, Colo. (Jan. '37)

EVANS, L. J., Dist. Mgr., Northern Indiana Power Co., Wabash, Ind. (Jan. '37)

EVANS, R. W., Mgr., Water Works, Uvalde, Tex. (Jan. '35)

EVANS, SAMUEL A., Jr. Civil Engr., Bur. of Water Works & Supply, 1438 N. Coronado St., Los Angeles, Calif. (Oct. '34)

EVANS, WILLIAM J., Filter Plant Operator, Box 819, Oxford, N. C. (Apr. '30)

EVANSVILLE DEPT. OF WATER WORKS, Andrew C. Richardt, Pres., Board of Trustees, Evansville, Ind. (Corp. M. May '06)

EVERETT, CHESTER M., Cons. Engr., 22 E. 40th St., New York, N. Y. (May '15)

EVERETT, JASPER W., Vice-Pres., Springfield City Water Co., Boonville Ave. & Chestnut St., Springfield, Mo. (May '22)

EVERETT WATER DEPT., G. G. Paine, City Engr. & Water Supt., 3102 Cedar St., Everett, Wash. (Corp. M. Jan. '35)

EVERSON MFG. CO., Roy B. Everson, Pres., 214 W. Huron St., Chicago, Ill. (Assoc. M. Jan. '37)

EVERY, ELMER D., Pres., Artesian Well & Equip. Co., Rochelle Park, N. J. (Apr. '38)

EYER, CLAUDE W., Supt., Water Dept., City Hall, Glendive, Mont. (Feb. '31)

EYER, FRANK A., Pres., Selinsgrove Water Supply Co., 21 S. Market St., Selinsgrove, Pa. (Apr. '37)

FABER, HARRY A., San. Chemist, The Chlorine Institute, Inc., 50 E. 41st St., New York, N. Y. (July '35)

FABRIN, A. O., Chief Engr., Layne & Bowler Co., Memphis, Tenn. (July '38)

FAGER, E. P., Dearborn Chemical Co., 310 So. Michigan Ave., Chicago, Ill. (Aug. '20)

FAGUE, HUGH F., Gen. Foreman, Bur. of Water Works, 1900 N. Interstate Ave., Portland, Ore. (May '33)

FAHLSTROM, DAVID, 427 School St., Putnam, Conn. (July '35)

FAIR, GORDON MASKEW, Prof. of San. Engineering, Harvard Univ., 112 Pierce Hall, Cambridge, Mass. (Jan. '25)

FAIRBAIRN, JOHN M., Inspection Engr., Chas. Warnock & Co., Ltd., 1000 McGill Bldg., 485 McGill St., Montreal, Que., Can. (Apr. '34)

FAIRBANKS, MORSE & CO., G. J. Podlesak, 600 So. Michigan Ave., Chicago, Ill. (Assoc. M. Mar. '25)

FALES, ALMON L., Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (Feb. '21)

FALLS, O. M. (See York, Township of)

FARMER, JOHN B., Supt. of Water Works, 515 S. Maney's Ave., Murfreesboro, Tenn. (Jan. '29)

FARNAN BRASS WORKS CO., 1104 Center St., Cleveland, O. (Assoc. M. May '92)

FARNSWORTH, O. J., Pres., R. P. Farnsworth & Co., Inc., 212 Nashville Ave., New Orleans, La. (July '37)

FARQUHARSON, ALEX L., Mgr., Brockville Public Utilities, Victoria Hall, Brockville, Ont., Can. (Mar. '24)

FARRELL, J. W. D. (See Regina Water Works Dept.)

FARRELL, L. L., Supt. Const. & Maintenance, East Bay Municipal Utility Dist., 512 16th St., Oakland, Calif. (Sept. '22)

FARRELL, WM. J., Treas. Comptroller, Societe Anonyme Hellinique Des Eaux, 2 America St., Athens, Greece (Mar. '30)

FAST, ALGER, Asst. Mgr., Monterey County Water Works, Lighthouse Ave., Pacific Grove, Calif. (Oct. '34)

FAULKS, J. HARRIS, Sales Representative, Neptune Meter Co., 20 Bailey Road, Maplewood, N. J. (Oct. '35)

FAULKS, THEO. D., 282 Roseville Ave., Newark, N. J. (Apr. '37)

FAUST, RAYMOND J., Asst. Engr., Michigan Dept. of Health, Lansing, Mich. (Jan. '38)

FAW, CLAUDE T., California Corrugated Culvert Co., 600 Haddon Road, Oakland, Calif. (Nov. '29)

FAWKES, A. W. ELLSON, C. E., R. P. E., City Engr., City of Moose Jaw, Moose Jaw, Sask., Canada (Apr. '38)

FEBEN, DOUGLAS, Sr. San. Chemist, City Filtration Plant, Water Works Park, Detroit, Mich. (Jan. '36)

FEDERAL LIGHT & TRACTION CO., H. A. Person, Acting Chief Engr., 70 Pine St., New York, N. Y. (Corp. M. Mar. '20)

FEDERAL PIPE & TANK CO., Box 5055, Ballard Station, Seattle, Wash. (Assoc. M. Feb. '31)

FEENEY, A. J., Asst. Engr., Water Dept., Wilmington, Del. (Apr. '19)

FEIST, MARTIN, Supt., Machinery Equipment, Water Works, Dayton's Bluff, Station B. 4, St. Paul, Minn. (May '19)

FEITEL, ED. E., Pres. & Gen'l Mgr., Water Works, Harvey, La. (Apr. '38)

FENKELL, GEORGE H., Supt. & Gen. Mgr., Board of Water Commissioners, 735 Randolph St., Detroit, Mich. (June '20) *President '31. Vice-Pres. '30. Trustee '26-'28. Director '32, '38.*

FENN, N. FREDERICK, Gen. Mgr., South Bay Consolidated Water Co., Bay Shore, L. I., N. Y. (Nov. '27)

FENTON, M. F., Los Angeles Mgr., Wailes Dove-Hermiston Corp., 2461 E. 8th St., Los Angeles, Calif. (Dec. '32)

FERGUSON, G. H., Chief San. Engr., Dept. of Pensions & Natl. Health, 326 Daly Bldg., Ottawa, Ont., Can. (Mar. '25)

FEWELL, J. H., Engr. & Supt. of Construction, Jackson Water Works, Jackson, Miss. (June '26)

FICK, HENRY H., Asst. San. Engr., State Dept. of Health, 303 Keystone Bldg., Broad & Vine Sts., Philadelphia, Pa. (Jan. '36)

FIEDLER, ALBERT G., Div. of Ground Water, U. S. Geological Survey, Washington, D. C. (Jan. '29)

FIELD, FREDERICK E., Engr., Water Board, 135 Ballantyne Ave., Montreal, West, P. Q., Can. (June '20)

FIELD, H. L., Supt. Water Dept., Greenfield, Mass. (June '29)

FIELD, ROSS B., Serv. Draftsman, Bur. of Water Works & Supply, Box 240, Arcade Annex, Los Angeles, Calif. (July '35)

FIELD, WILLIAM T., C.E., Pres., The William T. Field Engrs., Inc., Flower Bldg., Watertown, N. Y. (Apr. '10)

FILBY, E. L., Black & Veatch, Cons. Engrs., 4706 Broadway, Kansas City, Mo. (Feb. '22)

FILIPI, T. A., Public Health Engr., State Dept. Health, 1017 State House, Lincoln, Neb. (Jan. '38)

FINCH, LEWIS S., Civil Engr., 276 Century Bldg., Indianapolis, Ind. (Oct. '33)

FINCH, RONALD M., Div. Mgr., Wallace & Tiernan Co., Inc., 414 Flour Exchange Bldg., Minneapolis, Minn. (May '25)

FINDLAY, R. E., Sect.-Treas., Board of Water Commissioners, City Hall, Macon, Ga. (Apr. '29)

FINKBEINER, CARLETON S., Cons. Engr., 1025 Nicholas Bldg., Toledo, Ohio (Jan. '38)

FIRE UNDERWRITERS INSPECTION BUREAU, Sanford Herberg, Engr., 1229 Plymouth Bldg., Minneapolis, Minn. (Corp. M. Feb. '24)

FISCHER, F. P., Sales Engr., Wallace & Tiernan Co., 811 Perry Payne Bldg., Cleveland, Ohio (July '37)

FISCHER, FRED J., Chief Mech. Engr., Dept. of Water & Power, 207 So. Broadway, Los Angeles, Calif. (Sept. '29)

FISCUS, DAVID H., Asst. Engr., P. O. Box 1, National City, Calif. (Oct. '35)

FISHERS ISLAND FARMS, INC., Harold J. Baker, Fishers Island, N. Y. (Corp M. May '30)

FISHER, L. A., Supt., Board of Water & Light Comm., Concord, N. C. (Jan. '14)

FISHER, L. M., Interstate Sanitary District 2, 1083 Navy Bldg., Washington, D. C. (July '35)

FISHTEIN, MAX, 59 E. Van Buren St., Chicago, Ill. (Dec. '27)

FISHWICK, E. T., Vice-Pres., Worthington Pump & Machinery Corp., 401 Worthington Ave., Harrison, N. J. (Jan. '36)

FITZ, A. STOVER, Borough Mgr., 315 Fairview Ave., Waynesboro, Pa. (Jan. '37)

FITZGERALD, GERALD C., Civil & Hyd. Engr., 625 Rowan Bldg., Los Angeles, Calif. (Apr. '29)

FITZGERALD, HOWARD W., Chief. Engr., Pumping Station, Div. of Water, Buffalo, N. Y. (Apr. '23)

FITZGERALD, R. W., Chief Chemist, Div. of Water, Norfolk, Va. (July '38)

FLAA, INGWALD E., Hyd. Engr., San Francisco Water Dept., 425 Mason St., San Francisco, Calif. (May '15)

FLACH, GOTTFRIED, Direktor Dept. Ing., Burgwall 13, Deutschland, Dortmund, Germany (Jan. '38)

FLACK, HORACE E., Executive, Dept. Legislative Reference, City Hall, Baltimore, Md. (June '19)

FLANAGAN, JOHN C., Asst. Sect. & Registrar, Water Dept., St. Paul, Minn. (July '35)

FLANDERS, W. C., Sales Mgr., Worthington-Gamon Meter Co., 916 Lake St., Newark, N. J. (Oct. '35)

FLANDREAU, CLIFFORD M., Supt., Carmel, Putnam Co., N. Y. (Oct. '37)

FLANNERY, WILLIAM, M. E., Dept. of Water Supply, Gas & Elect. 313 Park Place, Brooklyn, New York, N. Y. (May '21)

FLEMING, EDWARD H., Supt., Mojave Div., Los Angeles Aqueduct, Mojave, Calif. (Oct. '34)

FLEMING, VIRGIL R., Univ. of Illinois, 209 Materials Testing Lab., Urbana, Ill. (Apr. '15)

FLENTJE, MARTIN E., 312 Linden Ave., Montclair, N. J. (Mar. '26)

FLETCHER, ALFRED H., San. Engr., Dept. of Health, Memphis, Tenn. (Jan. '36)

FLEXIBLE SEWER ROD EQUIPMENT CO., Mr. H. R. Crane, 622 East 4th St., Los Angeles, Calif. (Assoc. M. Jan. '38)

FLINN, THOMAS C., Mech. Engr., 277 Broadway, New York, N. Y. (Apr. '37)

FLINT WATER DEPT., E. L. Halloway, City Hall, Flint, Mich. (Corp. M. Nov. '25)

FLOOK, SAMUEL E., Supt., Waterworks Dept., Public Utilities Bldg., Port Arthur, Ont., Can. (Jan. '36)

FLORY, HARRY E., Treas., Blue Mountain Consolidated Water Co., Nazareth, Pa. (Apr. '37)

FOGGIE, JOHN, Chief San. Inspector, Dept. of Health & Public Welfare, Legislative Bldgs., Winnipeg, Man., Can. (Apr. '37)

FOIST, GEORGE M., Dist. Mgr., Public Service Co. of Indiana, Franklin, Ind. (Jan. '37)

FOLGER, COLLAMER C., Gen. Mgr., Public Utilities Comm., Kingston, Ont., Can. (Mar. '34)

FOND DU LAC CITY WATER DEPT., E. J. Braun, Supt., Fond du Lac, Wis. (Corp. M. May '19)

FOOTE, HERBERT B., Director, Div. Water & Sewage, State Board of Health, Helena, Mont. (Aug. '23) *Director '32, '33.*

FORD, H. W., Pittsburgh-Des Moines Steel Co., 270 Broadway, New York, N. Y. (July '35)

FORD, JOHN L., Sales Mgr., Ford Meter Box Co., Wabash, Ind. (Jan. '36)

FORD, J. W., Engr., San Jose Water Works, 374 W. Santa Clara St., San Jose, Calif. (Jan. '24)

FORD METER BOX CO., 718 Redman Ave., Haddonfield, N. J. (Assoc. M. May '08)

FORD, T. B., JR., c/o Sanki Engineering Co., Ltd., Sanshin Building, Hibiya, Tokyo, Japan (Oct. '31)

FORD, WALTER A., Supt., Cortland Water Board, Cortland, N. Y. (Jan. '36)

FORD, WILBUR E., Wabash, Ind. (July '35)

FORE, CLIFFORD, Chief Operator, Municipal Water Works, Carbondale, Ill. (Jan. '37)

FOREMAN, CHARLES S., Pres., Smith Brothers Construction Corp., 841 New York Life Bldg., Kansas City, Mo. (June '20)

FOREMAN, MERLE S., Bacteriologist & Chemist, State Board of Health, 825 Cragmont Ave., Berkeley, Calif. (Jan. '28)

FORGEY, CARL S., Tech. Dept., East Bay Municipal Utility Dist., 512 16th St., Oakland, Calif. (June '33)

FORREST, KYLE, Hydrological Investigator, County of Nassau, L. I., Office of County Engr., Mineola, N. Y. (July '35)

FORSBERG, OLE, Chemist, Oliver Iron Mining Co., Hibbing, Minn. (Mar. '21) *Director '34–'36.*

FORT COLLINS, CITY OF, Colorado (Corp. M. Mar. '26)

FOSTER, CHARLES, Foster & Wahlberg, Cons. Engrs., 316 Medical Arts Bldg., Duluth, Minn. (June '19)

FOSTER, H. E. (See Dunnville Public Utilities Commission)

FOULDS, THOS. H., Mgr., Whittier Water Co., 109 W. Bailey St., Whittier, Calif. (Apr. '36)

FOULK, C. W., Prof. of Analytical Chemistry, Ohio State University, Columbus, Ohio (June '26)

FOWLER, EDWARD A., 366 Pine St., New Orleans, La. (Apr. '10)

FOWLER, H. D., Civil Engr., 419 Smith Tower, Seattle, Wash. (July '36)

FOWLER, JAMES D., Cons. Engr., Central Bank Bldg., Dallas, Tex. (July '35)

FOWLER, ROY W., City Engr., City Hall, Santa Cruz, Calif. (Oct. '37)

FOX, CHAS. L., Asst. Supt., Pennsylvania Water Co., 712 South Ave., Wilkinsburg, Pa. (June '12)

FOX, PAUL S., San. Engr., Bur. of Public Health, P. O. Box 750, Santa Fe, N. M. (Oct. '24)

FOX, ROBERT M., Prof. of Civil Engineering, Univ. of Southern California, Los Angeles, Calif. (Jan. '37)

FOXBORO CO., W. E. Booth, Neponset Ave., Foxboro, Mass. (Assoc. M. Jan. '37)

FRAME, PAUL D., Pres., Ulrich Chemical Co., Inc., 31 E. Georgia St., Indianapolis, Ind. (Dec. '37)

FRANCIS, GEORGE WALDEN, Cons. Engr. & Mgr., The Francis Engineering Co., 303 Eddy Bldg., Saginaw, Mich. (Apr. '38)

FRANCIS, JAMES G., Civil Engr., Dept. of Water & Power, 148 Laurel Drive, Altadena, Calif. (Oct. '31)

FRANK, O. B., Mgr., Conservative Water Co., 8627 Fir St., Los Angeles, Calif. (July '35)

FRANKLIN, C. H. (*See* Harlan Munic. Water Works)

FRANKLIN, W. M., Box 3162, Dilworth Station, Charlotte, N. C. (July '35)

FREEBURN, H. M., Dist. Engr., Pennsylvania Dept. of Health, Cloverly Apartments, 437 West School Lane, Germantown, Philadelphia, Pa. (May '22)

FREER, W. D., American Water Works & Electric Co., 50 Broad St., New York, N. Y. (Mar. '24)

FREIBERGER, WM. J., Supt., Sylvan Spring Water Co., Sylvan Beach, Oneida Co., N. Y. (Jan. '38)

FRENCH, DUDLEY K., 503 Hawthorne Lane, Winnetka, Ill. (May '19)

FRENCH, E. V., M. E., 185 Franklin St., Boston, Mass. (July '06)

FRESNO CITY WATER DEPT., Claude H. Weekes, Supt., 1926 Tuolumne St., Box 1274, Fresno, Calif. (Corp. M. Jan. '32)

FRETTS, WALLACE V. R., Cons. Engr., Messrs. Fretts, Tallamy & Senior, 5488 Main St., Williamsville, N. Y. (Apr. '37)

FRICK, A. L., JR., Dist. Mgr., Wallace & Tiernan Sales Corp., 2311 E. 8th St., Los Angeles, Calif. (July '37)

FRICKER, EMILE, Asst. to Mgr., Hackensack Water Co., 624 Park Avenue, Weehawken, N. J. (Mar. '25)

FRIEBERG, G. W. (*See* Anheuser-Busch, Inc.)

FRIEDMAN, SAMUEL, Chemist, Ashokan Lab., Ashokan, N. Y. (Nov. '29)

FRIEL, FRANCIS S., Albright & Friel Inc., 1520 Locust St., Philadelphia, Pa. (Mar. '26)

FRIEND, R. O., Pres., Lakeside Engineering Corp., 222 W. Adams St., Chicago, Ill. (Mar. '28)

FRISK, PAUL W., Chem. Engr. Chief of Chem. Lab., American Enka Corp., Box 45, Enka, N. C. (Mar. '29) *Director '38, 39–.*

FRITH, GILBERT R., Asst. Engr., Div. of San. Eng., State Board of Health, Atlanta, Ga. (July '37)

FRITZ, WILLIAM G., Contractor, West Orange, N. J. (May '24)

FRY, JAMES H., Chief Chemist, Filtration Plant, Nashville, Tenn. (July '34)

FRYE, HORACE R., Asst. Supt., Water Dept., Sheridan Rd. & Lincoln St., Evanston, Ill. (Mar. '34)

FULKMAN, JOHN A., Hyd. Engr., Consoer Townsend & Quinlan, Inc., 1322 Engineering Bldg., Chicago, Ill. (July '28)

FULLER, GEORGE B., Mgr., Public Utilities Comm., Watford, Ont., Can. (Jan. '37)

FULLER, HARRY U., Chief Engr., Portland Water Dist., 16 Casco St., Portland, Maine (Aug. '32)

FULTON, ANGUS ANDERSON, Waterworks Engr. to Corp. of Dundee, 17 City Square, Dundee, Scotland (Oct. '37)

FURMAN, ROBERT W., Chief Chemist, Water Purif. Works, 1443 Kenyon Dr., Toledo, Ohio (May '22)

FURR, WALTER L., City Engr., Concord, N. C. (Apr. '36)

GABOURY, M. A., Provincial Bur. of Health, 89 Notre Dame St., E., Montreal, P. Q., Can. (Jan. '34)

GABRIELSON, EDWARD F., San. Engr., Health Dept., Court House, Kelso, Wash. (Jan. '38)

GAINESVILLE, CITY OF, C. P. Dressler, Distr. Supt., Gainesville, Fla. (Corp. M. Jan. '37)

GALLAGHER, CLEM A., Supt. of Services & Meters, Louisville Water Co., 435 S. Third St., Louisville, Ky. (July '36)

GALLAGHER, H. A., Mgr., Water Co., Independence, Mo. (June '09)

GALLAHER, WM. U., 838 E. Alton St., Appleton, Wis. (Mar. '25)

GALVIN, THOS. E., Dist. Mgr., Wallace & Tiernan Sales Corp., 2311 E. 8th St., Los Angeles, Calif. (Aug. '31)

GAMA, JOSE, Av. Chapultepec #27, Mexico City, Mexico (June '33)

GANANOQUE WATER WORKS COMMISSION, H. D. Rogers, Supt., Gananoque, Ont., Can. (Corp. M. Mar. '27)

GANNETT, FARLEY, Pres., Gannett, Eastman & Fleming, Inc., Harrisburg, Pa. (Jan. '35)

GARCIA, RAUL RESSANO, Chief Engr., Common Council of Cascaes, R. Dos Navegantes 65, Cascaes, Portugal (May '33)

GARCIA-MONTES, JOSE, JR., Civil Engr., Avenida de Belgica No. 4, Habana, Cuba (Jan. '36)

GARDNER, CLARKE, Cons. & City Engr., City Hall, Salisbury, Md. (July '36)

GARDNER, JOE H., Pres., Bingham & Taylor Corp., 575-601 Howard St., Buffalo, N. Y. (Apr. '37)

GAREY, JAMES A., Deputy Director of Water, Div. of Water, City Hall, Buffalo, N. Y. (Apr. '37)

GARMAN, H. O., Cons. Engr., 2062 N. Meridian St., Indianapolis, Ind. (May '16)

GARNETT, GEORGE W. (See Port Hope Waterworks Commission)

GARRATT, JAMES ERNEST, Designing Engr., Div. of Water, City Hall Annex, Newark, N. J. (May '30)

GARRISON, J. M., Supt., Water & Light Dept., Rock Hill, S. C. (Apr. '37)

GASCOIGNE, GEORGE B., Cons. San. Engr., 1140 Leader Bldg., Cleveland, Ohio (June '20)

GASPARD, AUGUST, Supervisor of Plumbing, Sewerage & Water Board of N. O., 526 Carondelet St., New Orleans, La. (July '37)

GATES, JUSTIN F., Comm. of Public Works, City Hall, Middletown, N. Y. (Feb. '31)

GATES, O. B., Pres., Gates Pipe & Investment Co., Inc., P. O. Box 400, Hillsboro, Ore. (Jan. '36)

GAUER, PAUL G., Chief Engr., City Water Dept., 315 N. Hancock St., Madison, Wis. (May '30)

GAUSMANN, R. W., Ulen & Co., No. 8 Caragheorghi St., Athens, Greece (Mar. '24)

GAUTHIER, C. W., Supt., Belle River, Ont., Canada (Jan. '38)

GAVETT, WESTON, San. & Hyd. Engr., 973 Kenyon Ave., Plainfield, N. J. (Nov. '14)

GAYTON, LORAN D., City Engr., 402 City Hall, Chicago, Ill. (Oct. '24)

GEAR, PATRICK, Supt., Water Dept., Holyoke, Mass. (June '13) *Trustee '26–'28.*

GEE, W. H. (See Palisades Interstate Park Commission)

GEHRING, H. F., Dist. Engr., Johns-Manville Sales Corp., 743 Henry Bldg., Seattle, Wash. (Jan. '37)

GEISLER, PAUL W., Salesman, Alco Products, Inc., 30 Church St., New York, N. Y. (Apr. '37)

GELDER, R. W., Cons. Engr., Greeley, Colo. (Jan. '37)

GELSTON, W. R., JR. (See Quincy Water Works Commission)

GELSTON, W. R., Supt., Water Works Comm., Quincy, Ill. (May '07) *Director '34–'36.*

GEMPERLE, P. F., Metropolitan Water Dist. of So. Calif., 306 W. Third St., Los Angeles, Calif. (Aug. '30)

GENERAL CHEMICAL CO., 105 W. Madison St., Chicago, Ill. (Assoc. M. June '02)

GENERAL MANAGEMENT CORP., C. A. Davis, 1500 Walnut St., Philadelphia, Pa. (Corp. M. May '30)

GENERAL PAINT CORPORATION, (Hill, Hubbell & Co. Div.), Deming Bronson, Vice Pres., 3091 Mayfield Road, Cleveland, Ohio (Assoc. M. Jan. '38)

GENERAL UTILITIES COMPANY, LTD., A. L. Murray, Man. Dir., 1029 Marine Bldg., Vancouver, Can. (Jan. '38)

GEORGALAS, ANDREW C., Director and Chief Engr., Societe des Eaux, 2, America Street, Athens, Greece (July '30)

GEORGE, J. M., Supt., Light & Water Dept., Thomaston, Ga. (Jan. '34)

GERARDY, MAURICE N., Hyd. Engr., Dept. of Water Supply, Water Board Bldg., Detroit, Mich. (Mar. '22)

GERBER, WINFRED D., Engr., State Water Survey Div., 406 Florida St., Urbana, Ill. (Apr. '29)

GERSTACKER, HANS, Oper. Foreman, Deer Lodge Water Dept., Post Box 476, Deer Lodge, Mont. (July '35)

GERSTEIN, H. H., San. Engr., Dept. of Public Works, 8229 Langley Ave., Chicago, Ill. (Dec. '25)

GETTRUST, J. S., Supt., Akron Filtration Plant, Kent, Ohio (June '21)

GEUPEL, LOUIS A., City Civil Engr., Water Dept. Engr. & Acting Supt., City Hall, Evansville, Ind. (Nov. '22)

GEYER, JOHN C., Latrobe Hall, Johns Hopkins Univ., Baltimore, Md. (Oct. '34)

GHIOTTO, LOUIS A., Supt. of Pipe Constr., Bur. of Water Works & Supply, 4337 Finley Ave., Los Angeles, Calif. (Apr. '36)

GIACOMAZZI, P. A., Supt. of Constr., Santa Paula Waterworks, Santa Paula, Calif. (Nov. '23)

GIBBONS, MORTIMER M., 961 Frelinghuysen Ave., Newark, N. J. (Nov. '22)

GIBSON, E. W., Mgr., Pure Iron Culvert & Mfg. Co., 2321 S. E. Gladstone St., Portland, Ore. (Jan. '35)

GIBSON, JAMES E., Mgr. & Engr., Water Dept., 14 George St., Charleston, S. C. (May '22) *Diven Medal '29. President '28. Vice-Pres. '27. Trustee '25, '26. Director '31. Exec. Comm. '29, '30.*

GIBSON, W. B., Chemist, Water Treatment Plant, Fort Myers, Fla. (Oct. '37)

GIBSON, WILLIAM R., San. Engr., 1201 Textile Tower, Seattle, Wash. (Jan. '38)

GIDLEY, HENRY T., Supt., Fairhaven Water Co., Fairhaven, Mass. (May '23)

GILBERT, JOSEPH J., San. Engr., 201 Wheatsheaf Lane, Abington, Pa. (July '37)

GILCREAS, F. WELLINGTON, Assoc. San. Chemist, Div. of Laboratories & Research, State Dept. of Health, New Scotland Ave., Albany, N. Y. (Apr. '24)

GILKISON, GEO. F., Supt. of Filtration, Water Dept., Kansas City, Mo. (Apr. '20)

GILLESPIE, C. G., Chief., Bur. of San. Eng., Dept. of Public Health, 3093 Life Sciences Bldg., Berkeley, Calif. (June '11)

GILLESPIE, T. A., Co., 7 Dey St., New York, N. Y. (Assoc. M. July '06)

GILMAN, N. A., City Water Supt., Yakima, Wash. (June '34)

GIRDWOOD, A. R. (See Shenango Valley Water Co.)

GISSLEN, A. R. (See Minneapolis Committee on Water Works)

GLACE, I. M., Cons. Engr., 22 S. 22nd St., Harrisburg, Pa. (Nov. 21)

GLAMORGAN PIPE & FDY. CO., Lynchburg, Va. (Assoc. M. Nov. '07)

GLANNAN, PETER H., Supt., Commonwealth Water Co., W. O. Div., 22 Northfield Road, West Orange, N. J. (June '21)

GLASSBROOK, E. F., Mgr., Public Utilities Calif. Corp., Niles, Calif. (Apr. '30)

GLENDALE PUBLIC SERVICE DEPT., Peter Diederich, Supt., 120 No. Howard St., Glendale, Calif. (Corp. M. Dec. '14)

GLEN RIDGE WATER DEPT., A. F. Eschenfelder, Borough Engr., Glen Ridge, N. J. (Corp. M. Oct. '22)

GLENS FALLS BOARD OF WATER COMMISSIONERS, Ernest L. H. Meyer, Supt., Glens Falls, N. Y. (Corp. M. Oct. '18)

GLIDDEN, A. LELAND, Pres., New Canaan Water Co., New Canaan, Conn. (July '35)

GLUECK, FRANK J., Engineering Constr., 1258 Commercial Trust Bldg., Philadelphia, Pa. (Apr. '37)

GLYNN, W. J., 98 Frazier St., Brockport, N. Y. (July '35)

GOBLE, W. F., Mgr., California Water & Telephone Co., 2130 Huntington Drive, San Marino, Calif. (June '26)

GODWIN, GEORGE H., Div. Mgr., Alabama Water Service Co., P. O. Box 1066, Decatur, Ala. (Apr. '36)

GOETZ, JOHN A., Supt. Water Dept., Mattoon, Ill. (Apr. '38)

GOFF, WILLIAM A., Cons. Engr., Cunard Bldg., 200 S. 16th St., Philadelphia, Pa. (July '37)

GOIT, LAURANCE E., Chief Draftsman, Street Mains Div., Dept. of Water & Power, 410 Ducommun St., Los Angeles, Calif. (Oct. '34) *Goodell Prize '37.*

GOLDEN-ANDERSON VALVE SPECIALTY CO., J. A. Voland, Gen. Mgr., 1315 Fulton Bldg., Pittsburgh, Pa. (Assoc. M. Oct. '34)

GOLDEN, A. T., Water Treatment Plant Operator, Dept. of Water & Power, 5837 7th Ave., Los Angeles, Calif. (Apr. '33)
GOLDEN, GEORGE, Supt., 30 Gerald Ave., Highland Park, Mich. (Jan. '38)
GOLDER, HUGH C., Tech. Mgr., Economic Water Softeners Ltd., Agua Works, Warwick Rd., Tyseley, Birmingham, England (July '37)
GOLDSMITH, CLARENCE, National Board of Fire Underwriters, 222 W. Adam St., Chicago, Ill. (Dec. '15)
GOOCH, W. T., Ph.D., Prof. of Chemistry, Baylor Univ., Chemist, Waco City Water Works, 808 Speight Ave., Waco, Tex. (Apr. '25)
GOOD, TIMOTHY W., Supt., Water Works, Cambridge, Mass. (Feb. '20)
GOODALE, LEON A., Water Comm. and Registrar, Room 19 City Hall, Worcester, Mass. (Mar. '29)
GOODELL, J. E., Chemist, 444 Woolworth Bldg., Lancaster, Pa. (Apr. '24)
GOODING, GERALD J., 77 Hamilton Ave., New Rochelle, N. Y. (June '30)
GOODMAN, JOSEPH, Deputy Chief Engr., Bur. of Water Supply, Municipal Bldg., New York, N. Y. (Apr. '30)
GOODRICH, LEVI, City Engr., Marlin, Tex. (July '35)
GOODSPEED, RICHARD C., Pres. & Gen. Mgr., East Pasadena Water Co. Ltd., 1715 Fair Oaks Ave., South Pasadena, Calif. (July '37)
GORDON, F. G., Cons. Engr., 53 W. Jackson Blvd., Chicago, Ill. (June '21)
GORDON, FRED F., Civil Engr., Eastman Kodak Co., Kodak Park Works, Rochester, N. Y. (July '35)
GORDON, J. B. (See District of Columbia Water Dept.)
GORDON, MURRAY L., Town Engr., Box 95, Truro, N. S., Can. (Jan. '37)
GORMAN, ARTHUR E., 6743 Olympia Ave., Chicago, Ill. (Mar. '24) *Diven Medal '27.*
GORMAN, RICHARD C., JR., 44 Genesee St., Hornell, N. Y. (May '29)
GOSNEY, B. C., Supt., City Water Dept., Auburn, Wash. (July '38)
GOTAAS, HAROLD B., Asst. Prof. Sanitary Eng., Univ. of North Carolina, Chapel Hill, N. C. (Jan. '38)
GOTEBORGS VATTENLEDNINGSVERK, P. G. Blidberg, Dir., Goteborg, Sweden (Jan. '38)
GOUDEY, RAY F., San. Engr., Dept. of Water & Power, Box 240, Arcade Annex, Los Angeles, Calif. (Apr. '18)
GOUGH, JOHN (*See* East Helena, City of)
GOULD, HARRY W., Supt. Pumping Station, Water Works Park, Detroit, Mich. (Jan. '30)
GRABB, GEORGE W., Water Works Supt., Chesley, Ont., Can. (Mar. '32)
GRAF, AUGUST V., Chief Chem. Engr., Water Purif. Plants, Howard Bend Station, Chesterfield, Mo. (June '14)
GRAFF, FRANK, Water Works Supt., Public Utilities Comm., Cochrane, Ont., Can. (Jan. '34)
GRAHAM, A. G., City Engr., City Hall, Nanaimo, B. C., Can. (Jan. '37)
GRAHAM, D. W., Chief Chemist & Bacteriologist, Bur. of Water Works & Supply, 207 So. Broadway, Los Angeles, Calif. (Jan. '38)
GRAHAM, GRANVILLE E., Supt., San Pablo Filter Plant, East Bay Municipal Utility Dist., 245 Berkeley Park Blvd., Berkeley, Calif. (June '33)

GRAM, A. L., Exec. Sect., Metropolitan Water Dist. of Southern California, 1870 Los Robles Ave., San Marino, Calif. (Jan. '37)

GRAN, JOHN E., School of Chemistry, Univ. of Alabama, University, Ala. (Apr. '38)

GRAND RAPIDS FILTRATION PLANT, Harry T. Campion, Chief Chemist, Monroe Ave., Grand Rapids, Mich. (Corp. M. Feb. '13)

GRANT, BURTON S., Civil Engr., 1826 Holly Vista Ave., Los Angeles, Calif. (Oct. '34)

GRANT, S. L., Supt., Water & Sewer Dept., Winchester, Va. (July '35)

GRANT, W. K., Municipal Engr., Louisiana Fire Prevention Bur., 609 Canal Bank Bldg., New Orleans, La. (May '25)

GRANT, WALTER S., JR., Alumni Hall, Virginia Military Inst., Lexington, Va.

GRANTHAM, ANDREW S., Supt. Water Dept., Dobbs Ferry Road, White Plains, N. Y. (Jan. '38)

GRAVES, ROY C., City Water, Light & Power, City Hall, Springfield, Ill. (July '35)

GRAY, A. C., 28 Front St., St. Augustine, Fla. (Jan. '27)

GRAY, HAROLD FARNSWORTH, San. & Hydr. Engr., 2540 Benvenue St., Berkeley, Calif. (Aug. '33)

GRAY, MAXIM T., Hogly, Gray & Plunkett, Ltd., Box 134, Fort Erie, Ont., Canada (Apr. '38)

GRAY, O. W., Operator-Chemist, Softening Plant, Water & Light Dept., Thomasville, Ga. (Apr. '37)

GRAY, SAMUEL, Water Registrar, Montvale, N. J. (Oct. '35)

GRAYSON, L. W., Asst. Supt. & Engr., City Mun. Water Dept., 3854 Mulberry St., Riverside, Calif. (Oct. '37)

GREAT FALLS, CITY OF, Ed Henen, City Engr., Great Falls, Mont. (Corp. M. Jan. '25)

GREAT WESTERN ELECTRO-CHEMICAL CO., 9 Main St., San Francisco, Calif. (Assoc. M. Sept. '29)

GREELEY, CITY OF, M. Seaman, Water Supt., Greeley, Colo. (Corp. M. Apr. '26)

GREELEY, SAMUEL A., Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (July '07)

GREEN, ARTHUR, 1111 Georgia Ave., Bristol, Tenn. (July '35)

GREEN BAY WATER DEPT., James Church, Supt., Green Bay, Wis. (Corp. M. Nov. '14)

GREEN, CARL E., State San. Engr., 816 Oregon Bldg., Portland, Ore. (July '33)

GREEN, E. W., Sect., San Jose Water Works, 374 W. Santa Clara St., San Jose, Calif. (Oct. '25)

GREEN, F. W., Supt. Filtration & Pumping, Passaic Valley Water Comm., Little Falls, N. J. (Dec. '15)

GREEN, FRED, Sr. Chemist, Water Treatment Section, London & North Eastern Railway, Stratford, London, E. 15, England. (Dec. '33)

GREEN, NELSON B., Sales Mgr., Detroit Chemical Works, 125 S. Junction Ave., Detroit, Mich. (Jan. '38)

GREEN, T. C., City Filtration plant, Austin, Tex. (Apr. '25)

GREENFIELD, R. E., Chemist, A. E. Staley Mfg. Co., Decatur, Ill. (Feb. '17)

GREER, WILLARD N., Res. Chem., Leeds & Northrup Co., 4901 Stenton Ave., Philadelphia, Pa. (Apr. '26)

GREENWOOD, W., Sect.-Treas., Burlington Beach Comm., 1147 Beach Blvd., Hamilton Beach, Ont., Can. (Jan. '37)

GRIFFIN, ATTMORE E., San. Engr., Wallace & Tiernan Co., Inc., Pompton Plains, N. J. (May '30)

GRIFFIN FOUNDRY & MACHINE CO., Rome, Ga. (Assoc. M. June '26)

GRIFFIN, H. K., Vice-Pres., Peoples Water & Gas Co., 916 Weatherly Bldg., 516 S. E. Morrison St., Portland, Ore. (Sept. '27)

GRIFFIN LIGHT, WATER & SEWERAGE DEPT., H. P. Powell, Griffin, Ga. (Corp. M. Feb. '24)

GRIFFEY, H. A., Mgr., Water Dept., City Hall, Janesville, Wis. (June '20)

GRIFFITHS, JAMES G., Supt., Kensington Water Co., Box 143, New Kensington, Pa. (Oct. '24)

GRIME, EDWIN M., Engr. of Water Service, Northern Pacific Railway, St. Paul, Minn. (July '26)

GRIMES, EDWIN L., Designing Engr., J. B. McCrary Eng. Corp., 22 Marietta St. Bldg., Atlanta, Ga. (Feb. '20)

GRIMMER, ALLAN K., Town Engr., Canadian International Paper Co., Temiskaming, Que., Can. (June '20)

GRIMSBY WATER COMMISSION, W. B. Smith, Chief Engr. & Supt., Grimsby, Ont., Can. (Corp. M. Feb. '27)

GRINNELL CO., INC., 1431 W. Morehead, Charlotte, N. C. (Assoc. M. May '23)

GRIPPEN, EARLE J. (See Endicott Water Works Co.)

GRISWOLD, HAROLD W., Deputy Mgr. & Deputy Chief Engr., Water Bur. of Metropolitan Dist., 1026 Main St., Hartford, Conn. (Mar. '33)

GRISWOLD, LAWRENCE J., Engr., Consolidated Water Co., 712 Washington St., Utica, N. Y. (Mar. '33)

GROBBEL, DANIEL CORNELIUS, Sr. Admin. Asst., 735 Randolph St., Detroit, Mich. (Oct. '20)

GRONER, E. C., Installation Engr., % Sloan Valve Co., 4300 W. Lake St., Chicago, Ill. (Oct. '23)

GROOMS, JAMES W., Supt. of Water, 14 E. Harrison St., Saratoga Springs, N. Y. (Jan. '36)

GROSS, C. P., Mgr., Water & Electric Dept., Box 87, Wisconsin Rapids, Wis. (July '24)

GROSS, DWIGHT D., Chief Engr., Board of Water Commissioners, Box 629, Denver, Colo. (July '25)

GROSZ, GEORGE, Mgr., Public Utilities Comm., Town Hall, Waterloo, Ont., Can. (Apr. '33)

GROTZ, WILLIAM H., Asst. Engr., Div. of Water, 50 Lakeview Ave., Buffalo, N. Y. (June '21)

GROVE, HERBERT S., Engr. & Supt., Board of Water Comm., 20 North 3rd St., Stillwater, Minn. (Oct. '37)

GROVES, J. N., Supt., Water Works, Canton, Ga. (May '30)

GRUBB, ELMER K., Mgr., Pottstown Gas & Water Co., R. D. 3, Pottstown, Pa. (Jan. '37)

GRUETZMACHER, CLARENCE S., Engr. of Distribution, Milwaukee Water Works, 401 City Hall, Milwaukee, Wis. (June '20)

GUARDIA, CARLOS A., San. Engr., Ministry of Public Health, Apartado No. 1175, Caracas, Venezuela (Jan. '37)

GUATEMALA CITY COMPANIA DEL AGUA DEL MARISCAL, S. A., Otto Roberto Dorion, Commercial & Technical Mgr., Guatemala City, Guatemala (Corp. M. Jan. '36)

GUELPH, CITY OF, H. S. Nicklin, City Engr., City Hall, Guelph, Ont., Can. (Corp. M. Mar. '24)

GUERRERO, LUIS LOBO, San. & Civil Engr., Apartado No. 409, Bogota, Columbia, S. A. (Jan. '35)

GUILLOT, A. H., Roadway Engr., New Orleans Public Service, Inc., 317 Baronne St., New Orleans, La. (July '37)

GUNDERSON, N. E., Pres., Layne Northern Co., Mishawaka, Ind. (July '37)

GUNTER, HERMAN, State Geologist, P. O. Box 495, Tallahassee, Fla. (May '28)

GURLEY, W. & L. E., 514 Fulton St., Troy, N. Y. (Assoc. M. Apr. '19)

GUTHRIE, JOHN T., Mgr.-Treas., Signal Mt. Estates, Inc., Signal Mt., Tenn. (Apr. '37)

GUTTING, L. A., Mgr., Public Service Co. of Indiana, Shelbyville, Ind. (Jan. '38)

HAAS, FRANK S., Sect., City Water Works, Council Bluffs, Ia. (July '35)

HAAS, S. G. FRANK, Tech. Engr., Sewerage & Water Board, New Orleans, La. (Oct. '33)

HABERER, H. N. (See Adirondack Water Works)

HACKER, A. C., Vice-Pres., Hacker Pipe & Supply Co., 1725 E. Seventh St., Los Angeles, Calif. (Oct. '29)

HAERING, DAVID W., 3408 W. Monroe St., Chicago, Ill. (Apr. '36)

HAGINS, C. E., Asst. to Gen. Mgr., Water Dept., 805 Franklin St., Johnstown, Pa. (Sept. '26)

HAISS, CARL E. J., San. Engr., Water Power & Control Comm. State Office Bldg., 80 Center St., New York, N. Y. (Oct. '37)

HALE, FRANK E., Director of Laboratories, Mt. Prospect Lab., 421 Flatbush Ave., Brooklyn, N. Y. (May '08) *Goodell Prize '35.*

HALEY, F. W., Asst. Engr., with F. A. Barbour, 1119 Tremont Bldg., Boston, Mass. (Oct. '29)

HALEY, HAROLD J. (See Watertown Water Works)

HALL, G. D., Engr., 416 A. E. Larson Bldg., Yakima, Wash. (Jan. '36)

HALL, H. F., Chief Engr., Water Works Dept., Northern Apartments, Sarnia, Ont., Can. (June '20)

HALL, GEORGE LAIRD, Ambassador Apartments, Baltimore, Md. (Oct. '37)

HALL, H. G., Supt., Public Utilities Comm., Ingersol, Ont., Can. (Mar. '23)

HALL, HARRY R., Chief Engr., Washington Suburban San. Dist., Hyattsville, Md. (May '15)

HALL, JOHN D., Supt. of Water Dept., Drawer 149, Waverly, N. Y. (Oct. '37)

HALL, RODNEY D., Mgr., Waterworks Div., Worthington Pump & Machinery Corp., Harrison, N. J. (Oct. '34)

HALL, ROLAND B., Burford, Hall, Smith, Contractors, 705 Myrtle St., N. E., Atlanta, Ga. (Sept. '25)

HALL, W. H., Prof. of Civil Engineering, College Station, Durham, N. C. (Jan. '30)

HALLAM, G. C., Water Supt., P. O. Box 204, Orofino, Idaho. (June '33)

HALLGREN, E. N., Dist. Mgr., Rensselaer Valve Co., 503 Arctic Bldg., Seattle, Wash. (Dec. '29)

HALLGREN, R. A., Supt., Water Dept., Crystal Beach, Ont., Canada (Apr. '34)

HALLOWAY, E. L. (See Flint Water Dept.)

HALPIN, HENRY E., Fire Protection Engr., Insp. Dept., Factory Mutual Fire Ins. Cos., 184 High St., Boston, Mass. (Jan. '30)

HALPIN, THOMAS F., A. P. Smith Mfg. Co., East Orange, N. J. (July '01)

HAM, GEORGE C., Sect. & Gen. Mgr., Naugatuck Water Co., 250 Meadow St., Naugatuck, Conn. (May '30)

HAMILTON, BRUCE, Mgr., Hamilton Heath Water Co., 2910 Aquilla St., Tampa, Fla. (Jan. '36)

HAMILTON, JOHN, 5838 N. Albina Ave., Portland, Ore. (Nov. '29)

HAMILTON, LOUIS H., Sect. & Gen. Mgr., Walnut Park Mutual Water Co., 7216 S. Seville Ave., Huntington Park, Calif. (July '36)

HAMILTON, S. C., Contracting Engr., Chicago Bridge & Iron Works, Box 672, Birmingham, Ala. (Jan. '36)

HAMMOND, W. H., Supt., Lindsay Water Works, Lindsay, Ont., Can. (June '14)

HANCOCK, GEORGE D., Supt., Yorktown Heights Water Dist., Yorktown Heights, N. Y. (Jan. '38)

HANDORF, EVERETT C., 521 S. Mill St., Lexington, Ky. (July '35)

HANKS, C. W., Supt., Water Works Construction, 1720 California St., Denver, Colo. (Aug. '33)

HANKS, FRED W., Co., Fred W. Hanks, Mgr., 10624 St. Clair Ave., Cleveland, O. (Assoc. M. June '26)

HANKS, O. P., Sales Repr., Hersey Mfg. Co., 802 Stuyvesant Ave., Trenton, N. J. (Oct. '35)

HANNA, DAVID MCLEAN, Supt. of Distribution, 1121 Pelissier St., Windsor, Ont., Canada (June '20)

HANNA, R. B., Supt., Public Utilities Comm., Listowel, Ont., Can. (Apr. '31)

HANNAN, FRANK, Chemist, Filtration Plant, 285 Willow Ave., Toronto-8-Ont., Can. (July '21)

HANNUM, V. W., Supt., Water Dept., 518 So. Los Angeles St., Anaheim, Calif. (July '35)

HANSELL, WM. A., Asst. Chief of Construction, City Hall, Atlanta, Ga. (Oct. '33)

HANSEN, A. E., Cons. San. & Hyd. Engr., 415 Lexington Ave., New York, N. Y. (Dec. '17)

HANSEN, A. H. (See Hibbing Water, Light, Power & Building Commission)

HANSEN, J. C., Water Works Trustee, 551 W. Broadway, Council Bluffs, Ia. (Feb. '24)

HANSEN, PAUL, Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (June '12)

HANSON, HAROLD A., Box 656, Grand Rapids, Minn. (July '35)

HAPGOOD, JOSEPH C., Inspector, Warren Water Dept., 344 Oak Knoll, S. E., Warren, O. (Oct. '35)

HARDIN, EUGENE A., Apt. 7-B, Chateau Frontenac, Jefferson East at Marquette Dr., Detroit, Mich. (Nov. '25)

HARDING, FRED W., Plant Supt., Okemah Water Works, R. No. 4, Okemah, Okla. (Apr. '36)

HARDING, JAMES C., JR., Cons. Engr., 11 Park Pl., New York, N. Y. (June '22)

HARDING, ROBERT W., Mgr. & Pres., Bexar County Water Co., South San Antonio, Tex. (Oct. '35)

HARGETT, ALBERT E., Mgr., Riverton-Palmyra Water Co., 1 Morgan Ave., Palmyra, N. J. (Mar. '29)

HARLAMERT, PAUL A., 1530 Builders Exchange Bldg., Cleveland, O. (July '35)

HARLAN MUNIC. WATER WORKS, C. H. Franklin, Mgr., Harlan, Ky. (Corp. M. Apr. '38)

HARLEY, FRANK E., Civil Engr., Fairlawn-Radburn Trust Co. Bldg., Fairlawn, N. J. (Jan. '36)

HARMAN, W. B., Auditor, Newport News Waterworks Comm., Newport News, Va. (July '34)

HARMON, BURT, Hydr. Engr., Water Dept., 308 Public Utilities Bldg., Long Beach, Calif. (Oct. '32)

HARMONAY, MICHAEL J., Supt., Bur. of Water, City Hall, Yonkers, N. Y. (Aug. '32)

HARNESS, A. C., Town Clerk & Water Supt., Brush, Colo. (Oct. '37)

HARNISH, C. P., Chief Engr., American States Water Serv. Co., 950 Bendix Bldg., 1206 S. Maple Ave., Los Angeles, Calif. (Aug. '29)

HARPER, L. E., Sect., Omega Machine Co., 4010 Penn. Ave., Kansas City, Mo. (July '37)

HARRINGTON, JOHN H., Chemist, Montreal Filtration Works, 3355 Joseph St., Verdun, Que., Can. (Jan. '37)

HARRIS, A. P., Supt., Edwardsville Water Co., Edwardsville, Ill. (Apr. '36)

HARRIS, HOWARD A., Asst. Engr., California Water Serv. Co., 501 Federal Reserve Bldg., San Francisco, Calif. (Aug. '27)

HARRIS, JOHN P., Industrial Chemical Sales Co., Inc., 205 W. Wacker Dr., Chicago, Ill. (Oct. '33)

HARRIS, R. C. (See Toronto Dept. of Works)

HARRIS, ROBERT R., 73 Martin St., Apt. 5, Cambridge, Mass. (Jan. '36)

HARRIS, ROY M., Chief, Div. of Public Health Eng., State Dept. of Health, 1412 Smith Tower, Seattle, Wash. (Jan. '35)

HARRISON, J. M., Supt., Waterworks Dept., Wallaceburg, Ont., Can. (Apr. '37)

HARRISON, LOUIS B., Supt. of Filtration, Bay City Water Works Dept., Bay City, Mich. (Feb. '31)

HARRISON, RONALD (See Scarborough Public Utilities Commission)

HARRITT, CHESTER, Chief Engr. & Gen. Mgr., 4769 Spring St., La Mesa, Calif. (Oct. '37)

HARTMANN, F. W., National Meter Co., 1455 W. Congress St., Chicago, Ill. (July '25)

HARTSOOK, L. P., Ashland, Va. (Jan. '37)

HARVEY, A. C., Supt., Beckley Water Co., Beckley, W. Va. (July '37)

HARVEY, L. R., Salesman, Johns-Manville Sales Corp., 448 West 24th Ave., Spokane, Wash. (Apr. '38)

HARVEY, R. C., Pacific Coast Sales Mgr., Ohio Injector Co., Box 1664, Wilshire-Labrea Sta., Los Angeles, Calif. (Oct. '37)

HASBROUCK, PHILIP B., Engr., Fontana Domestic Water Co., Box 294, Fontana, Calif. (May '30)

HASKEW, GEORGE M., C. E., Engr. & Supt., Plainfield-Union Water Co., 26 E. Broad St., Westfield, N. J. (July '29)

HASKINS, CHARLES A., Cons. Engr., 517 Finance Bldg., Kansas City, Mo. (June '14)

HASSLER, JOHN W., Dir. of Research, Industrial Chemical Sales Div., West Virginia Pulp & Paper Co., 4 Hillcrest, Tyrone, Pa. (Jan. '37)

HASTINGS BOARD OF PUBLIC WORKS, Ray Coffey, Supt., Water & Light Dept., Hastings, Neb. (Corp. M. Jan. '36)

HASTINGS, PARKER W., Cons. Engr., 624 Third St., W., Billings, Mont. (Jan. '37)

HATCH, ARAM H., P. O. Box 793, Balboa, Canal Zone (Aug. '27)

HATFIELD, WILLIAM DURRELL, Sewage Disposal Plant, San. Dist. of Decatur, Decatur, Ill. (Jan. '17)

HAUSMANN, A. R., Asst. Pacific Coast Mgr., U. S. Pipe & Foundry Co., 681 Market St., San Francisco, Calif. (Aug. '33)

HAVENS, WILLIAM L., George B. Gascoigne & Associates, Leader Bldg., Cleveland, O. (June '26)

HAVILL, HAROLD T., C.E., White Plains State Rd., Box 323, Valhalla, N. Y. (June '02)

HAWAIIAN PINEAPPLE CO., LTD., E. F. Cornell, Asst. Plant Mgr., Honolulu, Hawaii (Corp. M. Apr. '38)

HAWKEN, FRANK S., Sr. Chem. Engr., 3954 Greer Ave., St. Louis, Mo. (Jan. '35)

HAWKINS, J. L., Supt., Greenville City Water Works, Greenville, S. C. (Jan. '36)

HAWLEY, GEORGE W., Deputy State Engr. in Charge of Supervision of Dams, 1100 N St., Sacramento, Calif. (June '22)

HAWLEY, JOHN B., Cons. Engr., 407 Capps Bldg., Fort Worth, Tex. (June '23)

HAWLEY, W. C., Vice-Pres. & Supt., Pennsylvania Water Co., 712 South Ave., Wilkinsburg, Pa. (Apr. '10)

HAYDOCK, CHARLES, Cons. Engr., Commercial Trust Bldg., Philadelphia, Pa. (Feb. '19)

HAYES, H. W., Supt. of Water Works, Lawrenceville, Va. (July '34)

HAYES, HARRY, Jr. Civil Engr., Field Eng. Investigations, Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Feb. '33) *Goodell Prize '37.*

HAYES, MORGAN D., City Engr., 52 City Hall, Rochester, N. Y. (Apr. '30)

HAYMAN, EDGAR M., Pres., Michael Hayman & Co., Inc., 856 E. Ferry St., Buffalo, N. Y. (Apr. '37)

HAYMAN, MICHAEL & CO., INC., 856 E. Ferry St., Buffalo, N. Y. (Assoc. M. Oct. '35)

HAYS MFG. CO., Erie, Pa. (Assoc. M. Mar. '82)

HAYT, ROBERT O., Cons. Engr., P. O. Box 117, Corning, N. Y. (Apr. '36)

HAYWOOD, R. W., JR., 509 W. Third Ave., Gastonia, N. C. (Jan. '37)

HAZEN, CHAS., Vice-Pres., Milton Hersey Co., Ltd., 980 St. Antoine St., Montreal Can. (Jan. '38)

HAZEN, JOHN B., General Foreman, Butte Water Co., Butte, Mont. (Apr. '38)

HAZEN, RICHARD, % Malcolm Pirnie, 25 W. 43rd St., New York, N. Y. (July '37)

HAZLEHURST, GEORGE H., Dir. Bur. of Sanitation, State Dept. of Public Health, Montgomery, Ala. (Nov. '14)

HEALDSBURG, CITY OF, Archer B. Stuart, Water Supt., City Hall, Healdsburg, Calif. (Corp. M. Oct. '37)

HEATH, RAYMOND F., Chief Chemist, Dept. of Public Health, City Hall, Toronto 2, Ont., Can. (June '24)

HECHMER, CARL A., Dept. Engr., Maintenance & Operating Dept., Washington Suburban San. Dist., Hyattsville, Md. (Nov. '19)

HECK, ROBERT L., Supt., Municipal Filter Plant, Pittsburg, Calif. (Oct. '37)

HEDDELL, DOUGLAS, Plant Construction Engr., Dept. of Water & Power, 410 Ducommun St., Los Angeles, Calif. (Oct. '33)

HEERMANS, H. C., Retired, 817 J St., Hoquiam, Wash. (June '86)

HEDGEPETH, L. L., Mgr., Tech. Service Dept., Pennsylvania Salt Mfg. Co., 1000 Widener Bldg., Philadelphia, Pa. (Aug. '29)

HEDMAN, O. F., Salesman, Hughes & Co., Box 193, Spokane, Wash. (June '34)

HEFNER, R. L. (See Hickory, City of)

HEIDER, ROBERT W., San. Engr., State Board of Health, 201 State House Annex, Indianapolis, Ind. (July '37)

HEINE, FRANCIS A., Engr. Bur. of Water, City Hall, Reading, Pa. (June '31)

HELENA, CITY OF, A. J. Roberts, Mayor, Helena, Mont. (Corp. M. Jan. '37)

HELLAND, H. R. F., Cons. Engr., Frost National Bank Bldg., San Antonio, Tex. (Jan. '35)

HELLING, HARRY A., 116 S. Broadway, Tarrytown, N. Y. (Jan. '22)

HELLSTROM, CARL I., Supt., Water & Light Dept., Geneva, Ill. (Mar. '33)

HELMREICH, L. W., Pres. & Mgr., Capital City Water Co., Box 806, Jefferson City, Mo. (Feb. '27)

HELSINGBORG WATER DEPT., Helsingborg, Sweden (Corp. M. Jan. '38)

HELWICK, CHAS. H., Asst. Supt. of Dist., City Water Dept., Jacksonville, Fla. (July '38)

HEMBORG, R. E., Civil Engr., Bur. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif. (Apr. '37)

HENDERLITE, J. H., City Chemist, Gastonia, N. C. (Jan. '36)

HENDERSON, ANGUS D., Transitman, 210-07 29th Ave., Bayside, L. I., N. Y. (Jan. '37)

HENDERSON, CHARLES R., Mgr., Davenport Water Co., 227 Forest Rd., Davenport, Ia. (June '01) *Hon. Member '36. President '19. Vice-Pres. '08, '13. Trustee '14–'16. Exec. Comm. '09–'12, '20, '21.*

HENDERSON, W. G. (See Cobourg Public Utilities Commission)

HENDRICK, WALLACE M., Contractor & Engr., 457 Franklin Ave., Mineola, L. I., N. Y. (May '15)

HENDRICKS, R. W., Engr. Hydr. Dept., Underwriters Laboratories, 207 E. Ohio St., Chicago, Ill. (Apr. '23)

HENDRICKSON, GEO. L., Asst. Managing Engr., Bur. of Water, City County Bldg., Pittsburgh, Pa. (Mar. '31)

HENDRIE & BOLTHOFF MFG. & SUPPLY CO., James S. Smith, 1635 Seventeenth St., Denver, Colo. (Assoc. M. Mar. '26)

HENEN, ED. (See Great Falls, City of)

HENKE, ROLAND, Supt., Water Works, 7300 Blanchard St., Wauwatosa, Wis. (Jan. '35)

HENNING, H. CLAY, Engr. in Charge, Operating Section, St. Louis Water Div., 1640 S. Kingshighway Blvd., St. Louis, Mo. (Feb. '30)

HENRY, FRANCIS WM., Supt. Phelps Water Works, 131 W. Main St., Phelps, N. Y. (Apr. '38)

HENRY, J. REX, Dept. of Utilities, 734 No. Park Ave., Fremont, Neb. (Aug. '32)

HENSHAW, FRANKLIN, Mgr., Water Dept., Scarsdale, N. Y. (Sept. '20)

HERBERG, SANFORD (See Fire Underwriters Inspection Bureau)

HERBERT, E. H., Asst. Engr., Div. of Water Supply, Norfolk, Va. (Jan. '38)

HERR, J. O., Mgr., Monmouth Consolidated Water Co., Long Branch, N. J. (June '16)

HERRING, F. W., Asst. Director, Amer. Soc. Munic. Engrs.—Inter. Assn. Pub. Works Officials, 850 E. 58th St., Chicago, Ill. (Jan. '30)

HERRON, WILLIAM L., Sales Engr., National Meter Co., 4207 First Ave., Brooklyn, N. Y. (Oct. '37)

HERSEY MFG. CO., South Boston, Mass. (Assoc. M. July '87)

HETZER, MENTOR, Moundsville Water Co., 506 Seventh St., Moundsville, W. Va. (Nov. '16)

HEUBI, THOMAS B., Supt. of Water Works, 45 Washington Ave., Fredonia, N. Y. (Apr. '30)

HEWETT, ARTHUR L., Supt., Water Dept., 109 No. 27th St., Billings, Mont. (Mar. '32)

HEWSON, FRANK, Truck Transportation, 6800 So. Alameda St., Los Angeles, Calif. (Oct. '37)

HEYWARD, T. C., B.S., Mech. & Elec. Engr., 1408 Independence Bldg., Charlotte, N. C. (June '23)

HIBBING WATER, LIGHT, POWER & BUILDING COMMISSION, A. H. Hansen, Chief Engr., Hibbing, Minn. (Corp. M. July '34)

HIBBS, A. S., Supt., Dept. of Water Works, 140 City Hall, Cincinnati, O. (Sept. '22)

HIBSCHMAN, CHARLES A., Supt., Ambler Borough, Ambler, Montgomery Co., Pa. (Aug. '24)

HICKCOX, R. M., Water Supt., Water Shop, Wenatchee, Wash. (Apr. '38)

HICKLIN, ROBERT G., Mgr., Municipal Dept., Robert & Co., Inc., 706 Bona-Allen Bldg., Atlanta, Ga. (Apr. '29)

HICKORY, CITY OF, R. L. Hefner, City Mgr., Hickory, N. C. (Corp. M. Nov. '33)

HICKS, A. F. (See Palm Springs Water Co.)

HICKS, W. F., City Engr., Paris, Tex. (Jan. '35)

HICKSVILLE WATER DISTRICT, Frederick R. Davidson, 85 Bethpage Rd., Hicksville, N. Y. (Corp. M. Oct. '34)

HIGGINS, ROGER C., Chemist & Bacteriologist, Chillicothe Municipal Utilities, Chillicothe, Mo. (Jan. '37)

HIGHLAND, SCOTLAND G., Sect., Treas. & Gen. Mgr., Clarksburg Water Board, Clarksburg, W. Va. (Feb. '13)

HILL, ALFRED H., Vice-Pres., Francis Hankin & Co., Ltd., 2028 Union Ave., Montreal, Que., Can. (Feb. '33)

HILL, FRANK C., Water Supt., Box 155, Montrose, Colo. (Jan. '37)

HILL, KENNETH V., Asst. Engr., Greeley & Hansen, 6 N. Michigan Ave., Chicago, Ill. (Jan. '37)

HILL, R. F., JR., Asst. Engr., State Board of Health, Raleigh, N. C. (Jan. '37)

HILL, RAYMOND A., Cons. Civil Engr., Engineers Consolidated, 905 Edison Bldg., 601 W. Fifth St., Los Angeles, Calif. (Feb. '32)

HILLSIDE DISTRIBUTION CO., C. H. Richards, 2603 E. Whittier Blvd., Whittier, Calif. (Corp. M. Oct. '30)

HINDS, JULIAN, Asst. Chief Engr., Metropolitan Water Dist., 306 W. Third St., Los Angeles, Calif. (May '31)

HINMAN, E. S., Dir., York County Dairy Laboratories, Spring Grove, Pa. (Apr. '37)

HINMAN, JACK J., Jr., Assoc. Prof. of Sanitation, Univ. of Iowa, P. O. Box 363, Iowa City, Ia. (Apr. '15) *President '30. Vice-Pres. '29. Trustee '19–'21. Director '31.*

HINTZ, ALBERT E., JR., Mgr., Water Dept., City Hall, Oshkosh, Wis. (Apr. '30)

HIRN, W. C., San. Engr., 532 Michigan Bldg., Detroit, Mich. (Jan. '38)

HITCHMAN, ARTHUR, Asst. Supt., Water Distribution Section, Dept. of Works, 33 Hillsdale Ave., W., Toronto, Ont., Can. (Sept. '29)

HOAD, WILLIAM CHRISTIAN, 2108 Melrose Ave., Ann Arbor, Mich. (June '13)

HOAG, EDGAR D., Gen. Foreman, Los Angeles Dept. of Water & Power, 703 S. Main St., Lone Pine, Calif. (Oct. '34)

HOAG, GEO. F., Engr. Suburban Div., N. Y. Fire Insurance Rating Organization, 85 John St., New York, N. Y. (June '20)

HOAK, RICHARD D., Asst. Engr., State Dept. of Health, Harrisburg, Pa. (Jan. '37)

HOBBY, ARTHUR S., Cons. Engr., 605 Broad St., Newark, N. J. (Jan. '37)

HOCHLERNER, TOBIAS, Asst. Engr., Dept. of Water Supply, Gas & Electricity, Municipal Bldg., New York, N. Y. (May '30)

HODGES, FRED J. (See California Water & Telephone Co.)

HODGES, GEORGE C., Pres., Consolidated Water Co., 712 Washington St., Utica, N. Y. (June '24)

HODKINSON, THOMAS, Supt. of Water Works, 382 Wortley Rd., London, Ont., Can. (Apr. '13)

HOEFLING, WILLIAM L., General Chemical Co., 350 Abbott Road, Buffalo, N. Y. (Apr. '37)

HOEN, C., Gen. Supt., Carthage Water & Electric Plant, Carthage, Mo. (July '35)

HOFFER, H. A., Asst. Gen. Sales Mgr., United States Pipe & Foundry Co., General Office, Burlington, N. J. (May '30)

HOFFMAN, FLOYD A., Box 413, Morristown, N. J. (July '26)

HOFFMAN, M. F., Commercial Supt., Dept. of Water Works, 142 City Hall, Cincinnati, O. (Oct. '34)

HOLDEN, JOSEPH W., Chief Engr., Board of Water Comm., New Britain, Conn. (July '37)

HOLDREDGE, L. I., Dist. State San. Engr., 27 Ford Ave., Oneonta, N. Y. (Jan. '26)

HOLDREDGE, NEIL C., Board of Water Supply of N. Y. C., 127 Broadway, Newburgh, N. Y. (May '24)

HOLDREGE, CHARLES F., Engineering Dept., Metropolitan Utilities Dist., 18th & Harney Sts., Omaha, Neb. (Oct. '34)

HOLLAND, PAUL L., Chief Engr., Public Service Comm. of Md., 1701 Munsey Bldg., Baltimore, Md. (Mar. '32)

HOLLAND WATER DISTRICT No. 1, Clair D. Tanner, Supt. of Water, Holland, N. Y. (Corp. M. Apr. '37)

HOLLANDER, HARRY, Asst. Engr., Dept. of Water Supply, Gas & Elect., 2532 Municipal Bldg., New York, N. Y. (May '30)

HOLLETT, A. R., Univ. & City Engr., Box 281, Chapel Hill, N. C. (Dec. '31)

HOLLISTER WATER CO., A. W. Holsworth, Supt., 314 West, Hollister, Calif. (Corp. M. Nov. '33)

HOLLOWAY, H. F., Supt., Midland Water Co., 843 Midland Ave., Midland, Pa. (July '37)

HOLLOWELL, C. Q., Supt. of Light & Water Dept., Leland, Miss. (July '38)

HOLMAN, E. T., Chief Inspector, Tennessee Inspection Bur., 1034 Stahlman Bldg., Nashville, Tenn. (Jan. '24)

HOLMES, ALFRED PHILIP HANBY, M. C., B. Sc., A. M. I. C. E., Water Engr., Municipality, Penang, Straits Settlements (Apr. '38)

HOLMES, HARRY A., Eddy Valve Co., 111 Claremont Rd., Ridgewood, N. J. (Jan. '36)

HOLMES, JOSEPH A., Dir. of Service, National Aluminate Corp., 6216 W. 66th Place, Chicago, Ill. (May '26)

HOLMQUIST, C. A., Dir., Div. of Sanitation, State Dept. of Health, State Office Bldg., Albany, N. Y. (Apr. '23)

HOLSTE, ALEXANDER, Drateln & Holste Sucr., 2A V. Carranza 48, P. O. Box 438, Mexico City, Mex. (May '34)

HOLSWORTH, A. W. (See Hollister Water Co.)

HOLT, R. S., Asst. Mgr., Pittsburgh Testing Lab., 816 Howard Ave., New Orleans, La. (July '37)

HOLTON, DOUGLAS W., Supt., Water Dept., Washington, D. C. (May '30)

HOLTON, PHILIP J. (See Providence Dept. of Public Works)

HOLWAY, W. R., Cons. Hydr. Engr., 302 E. 18th St., Tulsa, Okla. (Feb. '25)

HOMELITE CORP., Riverdale Ave., Port Chester, N. Y. (Assoc. M. Apr. '36)

HOMMON, HARRY B., Sr. San. Engr. in Charge, U. S. Public Health Service, 112 Federal Office Bldg., San Francisco, Calif. (July '21)

HONOLULU, BOARD OF WATER SUPPLY, Frederick Ohrt, Mgr., City & County of Honolulu, P. O. Box 3347, Honolulu, T. H. (Corp. M. Nov. '30)

HOOKER, ALBERT H., JR., The Hooker Electrochemical Co., Tacoma, Wash. (July '30)

HOOKER ELECTROCHEMICAL CO., G. F. Reale, 60 East 42nd St., New York, N. Y. (Assoc. M. July '20)

HOOKER, L. J., Supt. of Water Works, City Bldg., Pine St., Lockport, N. Y. (Mar. '31)

HOOPER, FREDERICK J., Clerk & Treas., Kenora, Ont., Can. (Jan. '37)

HOOVER, CHARLES P., Chemist, Filtration Plant, Columbus, O. (May '13)

HOPKINS, CHARLES COMSTOCK, Hydr. & San. Engr., 349 Cutler Bldg., Rochester, N. Y. (June '11)

HOPKINS, E. W., City Engr., City Hall, Salina, Kan. (Jan. '37)

HOPKINS, EDWARD S., Filtration Engr., Montebello Filters, Baltimore, Md. (June '21)

HOPKINS, EDWIN W., Consolidated Water Co., 712 Washington St., Utica, N. Y. (Aug. '25)

HOPKINS, O. C., San. Engr., U. S. Public Health Service, 210 Federal Office Bldg., San Francisco, Calif. (Jan. '37)

HOPPER, ALLEN O., Dist. Mgr., Turbine Equipment Co., 217 East Ave., Rochester, N. Y. (Apr. '37)

HORAN, JOHN J., Supt., The Delaware River Water Co., Beverly, N. J. (Jan. '30)

HORANDT, HENRY, Asst. Mgr., New York Water Service Corp., 2015 Church Ave., Brooklyn, N. Y. (June '29)

HORNE, RALPH W., Fay, Spofford & Thorndike, Cons. Engrs., 11 Beacon St., Boston, Mass. (May '28)

HORNER, CHARLES M., Supt., Water Works Co., 1705 State St., East St. Louis, Ill. (June '03)

HORSINGTON, EARL, Supt. of Water, Skaneateles, N. Y. (July '35)

HORSTMAN, HERMAN G., Supt. of Water Distribution, Public Service Co. of Indiana, Traction Terminal Bldg., Indianapolis, Ind. (Jan. '37)

HORSTMANN, F. B., Chemical Engr., 1005 N. Leamington Ave., Chicago, Ill. (June '27)

HORTON, ROBERT E., H.E., R. D. 1, Voorheesville, N. Y. (Jan. '11)

HORTON, ROLAND, Municipal & San. Engr., 426 Marshall Ave., Webster Groves P. O., St. Louis, Mo. (Apr. '36)

HORTON, THEODORE, Cotuit, Cape Cod, Mass. (July '07)

HOSHALL, ROBERT H., Cons. Engr., 65 McCall Pl., Memphis, Tenn. (Apr. '37)

HOSKINS, J. K., San. Engr. in Charge, U. S. Public Health Service, Third & Kilgour Sts., Cincinnati, O. (July '35)

HOSKINSON, CARL M., Chief Engr., Div. of Water, 1140—43rd St., Sacramento, Calif. (June '28)

HOSTETTLER, C. O., Chemist, Akron Water Purif. Plant, 128 E. Hall St., Kent, O. (Jan. '38)

HOSTRUP, C. F., 1213 Pacific St., Santa Monica, Calif. (Feb. '30)

HOTCHKISS, HENRY T., JR., Supervising Chemist, Larchmont, N. Y. (July '35)

HOT SPRINGS WATER CO., S. E. Dillon, Hot Springs National Park, Ark. (Corp. M. Mar. '20)

HOUSER, GEORGE C., 220 Clyde St., Brookline, Mass. (Nov. '25)

HOUSTON WATER DEPT., CITY OF, J. Perry Moore, Dir., City Hall, Houston, Tex. (Corp. M. Sept. '34)

HOWARD, CHARLES D., Chemist, State Board of Health, Concord, N. H. (Feb. '21)

HOWARD, N. J., Dir. of Water Purif., Island Filt. Labs., 410 Lake Shore, Centre Island, Toronto, Ont., Can. (June '20) *Director '35–'37.*

HOWARD, PAUL F., 138 Bartlett Rd., Winthrop, Mass. (Apr. '36)

HOWE, B. V., San. Engr., San. Eng. Div., State Board of Health, State Office Bldg., Denver, Colo. (Apr. '30)

HOWE, HENRY L., City Engr., 52 City Hall, Rochester, N. Y. (Apr. '38)

HOWE, MAX G., Supt. of Water & Light, Union, S. C. (Jan. '38)

HOWELL, EUGENE M., Asst. San. Engr., State Board of Health, 428 State Office Bldg., Denver, Colo. (Jan. '37)

HOWES, D. W., Div. Engr., Board of Water Supply, 127 Broadway, Newburgh, N. Y. (Apr. '30)

HOWLAND, E. ROBERT, The British Pitometer Co., Victoria Station House, London, S. W. 1, England (Apr. '14)

HOWLAND, J. HASTINGS, Engr., National Board of Fire Underwriters, 85 John St., New York, N. Y. (May '24)

HOWLAND, WARREN E., Assoc. Prof. of Civil Eng., School of Civil Eng., Purdue Univ., West Lafayette, Ind. (Apr. '34)

HOWSON, LOUIS R., Alvord, Burdick & Howson, Engrs., 716 S. Oak St., Hinsdale, Ill. (Apr. '16) *Trustee '28–'30.*

HOY, J. R., San. Engr., 404 Hildebrandt Bldg., Jacksonville, Fla. (Feb. '30)

HOY, JOSEPH A., Supervising Foreman, Water Dept., 18 E. Worcester St., Worcester, Mass. (May '22)

HUBBARD, EDWARD, Civil Engr., Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (Jan. '33)

HUBBARD, JAMES W., Supt., Smethport Water Co., Smethport, Pa. (Jan. '36)

HUBBERT, E. G., Water Supt., Omak, Wash. (Jan. '37)

HUDSON, H. E., JR., Jr. San. Engr., Experimental Filtration Plant, 6843 Oglesby Ave., Chicago, Ill. (May '33)

HUFFMAN, BENJAMIN F., Mgr., Rockport Water Works, 219 Main St., Rockport, Ind. (May '29)

HUFFMAN, H. H., Supt., Water & Street Lighting Dept., Topeka, Kan. (June '32)

HUGGANS, R. D., Mgr., Water Works, Streator, Ill. (Apr. '15)

HUGHES, GEORGE F. (See Denver, City & County of)

HUGHES, GRESHAM, Mgr. & Secy., Mildura Urban Water Trust, Box 111, Mildura, Victoria, Australia (Apr. '38)

HUGHES, S. C. (See Deseronto Public Utilities Commission)

HUGHES, W. P., City Engr. & Water Supt., City Hall, Lewiston, Idaho (Sept. '25) *Director '36–'38.*

HULBERT, ROBERTS, Asst. Supt., Filtration Plant, Water Works Park, Detroit, Mich. (Apr. '30)

HULL, S. P. (*See* Huntington Water Works)

HUNSAKER, W. S., Local Mgr., California Water Serv. Co., 125 S. Church St., Visalia, Calif. (Jan. '36)

HUNT, WM. G., Pump House Residence, R. R. No. 4, Peterborough, Ont., Can. (Apr. '24)

HUNTER, ANDREW (See New Westminster, City of)

HUNTER, CHARLES A., Asst. Dir., State Health Lab., Vermillion, S. D. (July '23)

HUNTER, G. A., Supt. of Gen. Const., East Bay Municipal Utility Dist., 512—16th St., Oakland, Calif. (May '33)

HUNTER, T. B., Cons. Engr., 41 Sutter St., San Francisco, Calif. (July '06)

HUNTINGTON WATER WORKS, S. P. Hull, Supt., Huntington, Ind. (Corp. M. Apr. '38)

HURD, C. E., Supt. of Water, Box 47, Punta Gorda, Fla. (July '37)

HURD, EDWIN C., Cons. Engr., 1039 Architects & Builders Bldg., Indianapolis, Ind. (Apr. '38)

HURLBUT, WILLIAM W., Engr. of Water Works, Dept. of Water & Power, Box 240, Arcade Annex, Los Angeles, Calif. (May '24) *President '37. Director '34–'36, '38.*

HURST, CHARLES (See Princeton Water & Lighting Co.)

HURST, W. B., Supt. of Water Works, Jacksonville, N. C. (Oct. '37)

HURST, WM. DONALD, C.E., Asst. Engr., City of Winnipeg, 223 James Ave., Winnipeg, Man. Can. (Apr. '34)

HUSE, GEORGE A., Treas. & Mgr., Kankakee Water Co., 132 S. Dearborn Ave., Kankakee, Ill. (June '27)

HUTCHINS, WILL A., Sect. & Supt., Water Co., 196 Van Buren St., Freeport, Ill. (Nov. '20)

HUTCHINSON, M. C., Managing Dir., Victaulic Co. of Canada, Ltd., 200 Bay St., Toronto, Ont., Can. (Jan. '33)

HUTCHISON, A., Drummond, McCall & Co., Ltd., P. O. Box 219, Montreal, Que., Can. (May '21)

HUTCHISON, F. Y., Chief Engr., Houston Pipe Line Co., Houston, Tex. (July '38)

HUTTON, HAROLD S., San. Engr., Wallace & Tiernan Co., Inc., Box 178, Newark, N. J. (Apr. '20)

HUY, HARRY M., Engr., 90 Broad St., New York, N. Y. (July '36)

HYDE, CHARLES GILMAN, Cons. Hyd. & San. Engr., Prof. of San. Eng., Univ. of California, Berkeley, Calif. (July '07)

HYDE, RALPH H., Vice-Pres. & Gen. Mgr., The Campbell Water Co., Box 1, Campbell, Calif. (May '27)

HYDRAULIC DEVELOPMENT CORP., West Medford Station, Boston, Mass. (Assoc. M. May '25)

HYLAND, EDWARD P., Supt., Water Dept., Town Hall, Moorestown, N. J. (Jan. '36)

HYMAN, H. H., Mgr., Miami Water Co., Box 3100, Miami, Fla. (Apr. '16)

ICKLER, HERBERT, Staff Mgr., Johns-Manville Sales Corp., Broad St. Station Bldg., Philadelphia, Pa. (July '37)

IDAHO SURVEYING & RATING BUR., R. C. Stevenson, Box 1069, Boise, Ida. (Corp. M. Feb. '24)

IDAHO, UNIVERSITY OF, Civil Eng. Dept., Moscow, Ida. (Corp. M. Jan. '35)

ILION BOARD OF WATER COMMISSIONERS, Ilion, N. Y. (Corp. M. Mar. '24)

ILLINOIS INSPECTION BUREAU, C. W. Soderstrom, 309 W. Jackson Blvd., Chicago, Ill. (Corp. M. Jan. '24)

IMBEAUX, EDOUARD, Ingenieur du Ponts et Chaussees, Docteur du Medicine, 18, Rue Emile-Galle, Nancy, France (May '30)

INDIANA BUREAU OF SANITARY ENGINEERING, State Div. of Public Health, B. A. Poole, Chief Engr., Indianapolis, Ind. (Corp. M. June '26)

INDIANA DEPT. OF CONSERVATION, C. H. Bechert, Room 402, State Library Bldg., Indianapolis, Ind. (Corp. M. Jan. '38)

INGLEE, CLINTON, M.E., National Water Main Cleaning Co., 50 Church St., New York, N. Y. (July '35) *Director '39–.*

INGRAM, FRED R., 826 Shattuck Ave., Berkeley, Calif. (Jan. '36)

INGRAM, WILLIAM T., San. Engr., San Joaquin Local Health Dist., Box 111, Stockton, Calif. (July '35)

INMAN, C. E., Comm. & Supt., Water Works, Warren, O. (May '21)

INTERNATIONAL FILTER CO., 59 E. Van Buren St., Chicago, Ill. (Assoc. M. Nov. '15)

IOWA VALVE CO., 701 Hubbell Bldg., Des Moines, Ia. (Assoc. M. Nov. '28)

IRISH, J. WILBUR, Cons. Engr., 906 South St., Peekskill, N. Y. (Jan. '36)

IRWIN, GIFFORD M., City Engr., City Hall, Victoria, B. C., Can. (Nov. '33)

IRWIN, HARRY F., Asst. Supt., Water Works & Parks, City Hall, Ogden, Utah (July '36)

ISAAC, F. N., Local Mgr., California Water Serv. Co., Hanford, Calif. (May '08)

ITTER, CHARLES J., Jr. Engr., Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Oct. '34)

IVANISSEVICH, DON LUDOVICO (See Argentina, Obras Sanitarias de la Nacion)

IWASAKI, TOMIHISA, Water Works Dept., Suidokyoku, Tokyo-Shiyakusho, Japan (Jan. '23)

JACK, D., Asst. Engr., Pub. Health Eng. Div., Dept. of Natl. Health, 15 Bank of Nova Scotia Bldg., St. Catharines, Ont., Can. (Apr. '37)

JACKSON, H. W., Supt. of Water Works, 912 Arctic St., Antigo, Wis. (Aug. '24)

JACKSON, J. B., Supt., Clackamas Water Dist., P. O. Box 2, Clackamas, Ore. (July '35)

JACKSON, LESLIE A., Mgr., Little Rock Municipal Water Works, 425 W. Capitol Ave., Little Rock, Ark. (Apr. '36)

JACKSON, PAUL D., Supt., Bedford Water Works, City Hall, Bedford, Ind. (Jan. '36)

JACKSON, T. B., Pres. & Gen. Mgr., Boise Water Corp., 623 Idaho St., Boise, Ida. (July '35)

JACOBS, JOSEPH, Cons. Civil Engr., 613–16 Thomson Bldg., Seattle, Wash. (July '20)

JACOBS, NATHAN B., Pres., Morris Knowles, Inc., 507 Westinghouse Bldg., Pittsburgh, Pa. (Sept. '30)

JACOBS, S. WILLARD, Vice-Pres., Electro Bleaching Gas Co., 60 East 42nd St., New York, N. Y. (Feb. '19)

JACOBSON, E. E., Chief Engr., Lexington Water Co., 167 N. Upper St., Lexington, Ky. (Apr. '32) *Director '39–.*

JACQUES, HENRY L., Const. Engr., Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (Sept. '31)

JAGGER, J. E., Chief Engr., Alabama Water Service Co., Birmingham, Ala. (July '35)

JAMES, ELMO, Constr. Foreman, W. 2626 Euclid Ave., Spokane, Wash. (Jan. '38)

JANZIG, ALEXANDER C., Columbia Heights Filtration Plant, Minneapolis, Minn. (Oct. '21)

JARRETT, J. M., State Board of Health, Raleigh, N. C. (June '27)

JARVIS, ALEXANDER CHARLES, Water Purif. Specialist, Jens Kofoedsgade 4, Copenhagen, Denmark (May '14)

JARVIS, L. E., Supt., Water & Light Dept., Box 224, Cashmere, Wash. (July '35)

JEFFREY MFG. CO., W. L. Bradshaw, Asst. Mgr., San. Eng. Div., Columbus, O. (Assoc. M. Apr. '37)

JENKINS BROS., 80 White St., New York, N. Y. (Assoc. M. May '20)

JENKINS, DAVID, New Jersey Zinc Co., Franklin, N. J. (Oct. '22)

JENKINS, E. D., 803 Indiana St., Martins Ferry, O. (Apr. '36)

JENKINS, E. J., Supt. of Distr., Philadelphia Suburban Water Co., 762 Lancaster Ave., Bryn Mawr, Pa. (Feb. '25)

JENKINS, W. O., Supt., Water Dept., Leaksville, N. C. (Jan. '36)

JENKS, HARRY N., Cons. San. Engr., 2701 Benvenue Ave., Berkeley, Calif. (Jan. '17)

JENSEN, FRANK B., Supt., Council Bluffs City Water Works, Council Bluffs, Ia. (Jan. '35)

JENSEN, J. ARTHUR, Supervisor, Water Works Dept., Minneapolis, Minn. (Apr. '10) *Trustee '25–'27. Director '31–'33.*

JENSEN, O. F., Mgr. of Layne Texas Co., 6931 Ranisburg Bldg., Houston, Tex. (July '38)

JENSON, R. M., Supt. of Water Works, Grand Forks, N. D. (July '35)

JERDEN, ALFRED (See Malmo Byggnadskontor)

JERNIGAN, HAROLD N., Sales Engr., 136 Arcadia Pk., Lexington, Ky. (Oct. '35)

JEROME WATER CO., Jerome, Ida. (Corp. M. July '35)

JESSUP, B. L., State Dir., State Board of Health, Raleigh, N. C. (Jan. '34)

JESTER, JOHN M., Asst. Engr., Robert B. Morse Filter Plant, Silver Spring, Md. (July '37)

JEUP, BERNARD H., Chem. Engr., Bur. San. Eng. Labs., State Board of Health, 201 State House Annex, Indianapolis, Ind. (May '25)

JEWELL, G. H., Dist. Mgr., Builders Iron Foundry, 122 S. Michigan Ave., Chicago, Ill. (Apr. '34)

JEWELL, IRA H., Water Purif. Engr., 400 W. Madison St., Chicago, Ill. (June '34)

JEWELL, WILLIAM V., Chief Bookkeeper, Dept. of Public Works, 630 Bergen Ave., Jersey City, N. J. (Nov. '27)

JIANNOTT, WILLIAM, Supt., Thornwood Water Dist., Thornwood, N. Y. (July '35)

JOHNS-MANVILLE SALES CORP., C. A. McGinnis, 22 E. 40th St., New York, N. Y. (Assoc. M. Mar. '33)

JOHNSON, ARTHUR B., Bur. of Water & Supply, 207 S. Broadway, Los Angeles, Calif. (Jan. '38)

JOHNSON CITY FOUNDRY & MACHINE CO., L. H. McClellan, Pres., 920 W. Walnut St., Johnson City, Tenn. (Assoc. M. Jan. '38)

JOHNSON CITY WATER DEPT., Arthur J. Merrill, Supt., Johnson City, N. Y. (Corp. M. Sept. '25)

JOHNSON, CLAYTON O., Supt., Board of Public Utilities, Jamestown, N. Y. (May '34)

JOHNSON, DEWEY W., Cast Iron Pipe Research Assn., 122 S. Michigan Ave., Chicago, Ill. (Jan. '37)

JOHNSON, E. A., Meter Expert, 400 Lexington Ave., Pittsburgh, Pa. (Oct. '35)

JOHNSON, EDWARD E., INC., 2304 Long Ave., St. Paul, Minn. (Assoc. M. May '22)

JOHNSON, E. P., 418 Flannery Bldg., Station No. 13, Pittsburgh, Pa. (July '35)

JOHNSON, EDGAR W., Sr. Engr., Minneapolis Water Dept., Route 8, Box 352, Minneapolis, Minn. (July '17)

JOHNSON, FRANCIS M., San. Engr., Box 154, Murphy, N. C. (Oct. '37)

JOHNSON, H. B., Water Supt., State & Jackson Sts., Media, Pa. (Jan. '37)

JOHNSON, H. M. (See Anaconda Copper Mining Co.)

JOHNSON, HOWARD A. 141 Howeland Circle, Danville, Va. (Nov. '28)

JOHNSON, MILLARD L., Mgr., Palos Verdes Water Co., Box 71, Palos Verdes Estates, Calif. (July '36)

JOHNSON, MORGAN A., Palmer Supply Co., 222 Westlake Ave., N., Seattle, Wash. (Apr. '36)

JOHNSON, R. K., Dist. Sales Mgr., Darling Valve & Mfg. Co., 70 Pine St., New York, N. Y. (Jan. '28)

JOHNSON, SAMUEL C., Chem. Engr., Dearborn Chemical Co., Straus Bldg., Chicago, Ill. (Apr. '23)

JOHNSON, W. B., Asst. Supt., Bur. of Water, City Hall, Easton, Pa. (Jan. '37)

JOHNSON, W. H., Supt. of Water Works, Harrodsburg, Ky. (Feb. '31)

JOHNSON, W. SCOTT, Chief Public Health Engr., Div. of Public Eng. & Sanitation, 200 Monroe St., Jefferson City, Mo. (Feb. '24)

JOHNSTON, E. W., Asst. San. Engr., San. Eng. Div., Ontario Dept. of Health, Parliament Bldgs., Toronto, Ont., Can. (Feb. '34)

JOHNSTON, W. E., Sales Representative, National Meter Co., Gainesville, Fla. (Oct. '37)

JONES, CARL C., Sidney, Neb. (July '35)

JONES, CLARK W., Supt. of Water Works, Dalton, Ga. (Apr. '36)

JONES, EARL F., Indiana Water Works Co., Greensburg, Ind. (Mar. '27)

JONES, FRED D., Chief Meter Inspector, 305 City Hall, Spokane, Wash. (Jan. '38)

JONES, H. E., I. G. I.-Alkali-Ltd., Winnington, Northwich, Cheshire, England (Feb. '28)

JONES, H. SEAVER, Vice-Pres., T. A. Gillespie Co., 7 Dey St., New York, N. Y. (July '22)

JONES, HARVEY P., Cons. Engr., 1606 Second National Bank Bldg., Toledo, O. (July '22)

JONES, HIRAM F., Supt. Pumping & Filtration, Elmira Water Board, Elmira, N. Y. (July '07)

JONES, JAMES E., Asst. Engr., Los Angeles Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Oct. '33)

JONES, MAX K., Supt., Joplin Water Works Co., Joplin, Mo. (July '35)

JONES, MORRIS S., Chief Engr. & Gen. Mgr., Pasadena Water Dept., 319 City Hall, Pasadena, Calif. (Oct. '24)

JONES, W. B., Sect., James Jones Co., 201 Leroy St., Los Angeles, Calif. (Oct. '31)

JONES, W. R., Mgr., Power Products Dept., Johns-Manville Sales Corp., 116 New Montgomery St., San Francisco, Calif. (Jan. '38)

JORDAN, FRANK C., Sect., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (June '11) *President '25. Vice-Pres. '24. Trustee '20–'22. Exec. Comm. '26, '27.*

JORDAN, HARRY E., Sect., American Water Works Assoc., 22 E. 40th St., New York, N. Y. (Oct. '19) *Diven Medal '36. President '35. Secretary '37–. Director '32–'34, '36.*

JORDAN, WILLIAM H., Asst. Supt. of Grounds & Chief San. Patrolman, East Bay Municipal Utility Dist., 512—16th St., Oakland, Calif. (May '33)

JOSLYN, RAY O., Mgr., Layne Western Co., B. M. A. Bldg., Kansas City, Mo. (May '30)

JOST, CHARLES F., Cons. Engr., Nicholas S. Hill Associates, 112 E. 19th St., New York, N. Y. (July '35)

JOYCE, CHARLES V., Div. Engr., Washington Suburban San. Dist., Hyattsville, Md. (Jan '37)

JUDD, THOMAS H., Engr., Washington Water Power Co., Spokane, Wash. (Jan. '38)

JUDGE, JAMES H., Dist. Mgr., Neptune Meter Co., 130 N. Jefferson St., Chicago, Ill. (Apr. '34)

JUDSON, H. T., Portland Mgr., Hersey Mfg. Co., 1231 N. W. Hoyt St., Portland, Ore. (Mar. '29)

JULESBURG, TOWN OF, G. P. Tschabrun, Supt., Julesburg, Colo. (Corp. M. July '37)

JUTZ, CHARLES E., Pres., St. Louis County Water Co., 6600 Delmar Ave., St. Louis, Mo. (Apr. '20)

KABLE, EDGAR P., Gen. Mgr., York Water Co., 42 E. Market St., York, Pa. (Nov. 17)

KAHN, JAMES M., Sales Engr., International Filter Co., 42 W. 25th St., Atlanta, Ga. (Jan. '34)

KALLIS, (MRS.) M. A., 513 North County St., Waukegan, Ill. (May '33)

KANHAUSER, FRANK, Chemist-Chief, Kaznejov Bei Pilsen, Czecho-Slovakia (July '35)

KANSAS CITY WATER DEPT., Director of the Water Dept., City Hall, Kansas City, Mo. (Corp. M. Feb. '15)

KANSTEINER, H. H., Supt., Water Dept., St. Charles, Mo. (Apr. '37)

KAPPE, STANLEY E., 627 W. Kingsley St., Philadelphia, Pa. (Apr. '32)

KAPUSKASING, CORPORATION OF TOWN OF, Water Dept., Clement Saville, Town Hall, Kapuskasing, Ont., Can. (Corp. M. Jan. '35)

KARR, ROY W., Sales Repr., Mueller Co., 5009 N. E. Broadway, Portland, Ore. (Jan. '38)

KASSER, VICTOR H., Municipal Engr., Elgin, Ill. (Jan. '36)

KAY, JOHN W., 4 Richmond Ave., Milford, Mass. (July '35)

KEARNEY, E. W., State Board of Health, Morganton, N. C. (Jan. '30)

KEASBEY & MATTISON CO., A. B. Spaulding, Sales Mgr., Butler Ave., Ambler, Pa. (Oct. '37)

KEENAN, F. E., Supt. of Water Works., Gunnison, Colo. (Oct. '29)

KEENE, R. W., Pacific Coast Mgr., Hersey Mfg. Co., 450 E. Third St., Los Angeles, Calif. (Feb. '27)

KEILS, ANTHONY, Supt., Mt. Clemens Water Works, 38 Moross Ave., Mt. Clemens, Mich. (June '09)

KEILY, C. J., Supt. & Treas., Jamaica Water Supply Co., 161-20—89th Ave., Jamaica, L. I., N. Y. (Nov. '29)

KEIM, H. S., Supt., White Deer Mountain Water Co., 114 S. Front St., Milton, Pa. (Jan. '37)

KEIRN, K. A., Wallace & Tiernan Co., Inc., 293 Larkin St., Buffalo, N. Y. (July '35)

KEIS, F. J., Cons. Engr., 257 Broadway, Troy, N. Y. (Apr. '27)

KEITH, J. CLARK, Gen. Mgr., Windsor Utilities Comm., Canada Bldg., Windsor, Ont., Can. (Mar. '23)

KELIHER, TIMOTHY, Supt., Williamsport Water Co., Williamsport, Pa. (Feb. '17)

KELLEHER, Jos. T., Supt., Martinez Water System, City Hall, Martinez, Calif. (Oct. '37)

KELLER, GEORGE JOHN, Sect. & Gen. Mgr., Iowa City Water Co., Iowa City, Ia. (Nov. '14)

KELLEY, C. H., Supt., Wichita Water Co., 301 N. Main St., Wichita, Kan. (July '24)

KELLNER, HUGH, Chief Engr., City Water Works, 350 Moy Ave., Windsor, Ont., Can. (Feb. '23)

KELLOGG, JAMES W., Bacteriologist & Chemist, State Laboratory of Hygiene, Raleigh, N. C. (June '21)

KELLY, WILLIAM J., Gen. Supt. of Distr., Div. of Water, 50 Lakeview Ave., Buffalo, N. Y. (Apr. '37)

KELSO, A. E. (See Melbourne & Metropolitan Board of Works)

KELSO, GILBERT L., 5874 Rosslyn Ave., Indianapolis, Ind. (May '30)

KEMPKEY, AUGUSTUS, Cons. Engr., 416 Hobart Bldg., San Francisco, Calif. (June '23)

KENDALL, THEODORE REED, Eng. Editor, "The American City," 470 Fourth Ave., New York, N. Y. (Mar. '19)

KENNEDY, CLYDE C., Civil Engr., Atlas Bldg., 604 Mission St., San Francisco, Calif. (Oct. '27)

KENNEDY, ROBERT C., Asst. Chief Engr. & Asst. Gen. Mgr., East Bay Municipal Utility Dist., 512 16th St., Oakland, Calif. (May '33)

KENNEDY VALVE MFG. CO., M. E. Kennedy, Treas., Elmira, N. Y. (Assoc. M. Mar. '11)

KENNON, JAMES H., Managing Engr., Bur. of Water, 416 City-County Bldg., Pittsburgh, Pa. (Sept. '29)

KENNY, NORBERT J., Pres., National Meter Co., 4207 1st Ave., Brooklyn, N. Y. (Apr. '38)

KENOSHA WATER DEPT., James M. Myers, Jr., Supt., Kenosha, Wis. (Corp. M. Apr. '37)

KENTUCKY STATE BOARD OF HEALTH, F. C. Dugan, Director, Bur. of San. Engineering, 620 S. 3rd St., Louisville, Ky. (Corp. M. Feb. '15) *Director '33-'35.*

KENTUCKY-TENNESSEE LIGHT & POWER Co., Bowling Green, Ky. (Corp. M. Apr. '15)

KENTUCKY UTILITIES Co., E. W. Brown, 159 W. Main St., Lexington, Ky. (Corp. M. Feb. '05)

KEPNER, DANA E., Manufacturers' Representative, 1921 Blake St., Denver, Colo. (Oct. '25)

KERR, S. LOGAN, Hyd. Engr., 30 E. Mount Pleasant Ave., Philadelphia, Pa. (Jan. '35)

KERSHAW, NEIL, 5628 Broadway, Indianapolis, Ind. (Jan. '37)

KERSLAKE, JAMES E., Asst. San. Engr., State Dept of Health, State Office Bldg., Albany, N. Y. (May '30)

KESSLER, LEWIS H., Acting Ch., Dept. of Hyd. & San. Engr., Univ. of Wisconsin, Madison, Wis. (June '30)

KETCHAM, VALENTINE O. Gen. Mgr., Stamford Water Co., 51 Summer St., Stamford, Conn. (July '26)

KIENLE, JOHN A., Vice-Pres., Mathieson Alkali Works, Inc., 60 E. 42nd St., New York, N. Y. (June '09) *Director '36-'38.*

KIKER, JOHN E., JR., 54 Noxon St., Poughkeepsie, N. Y. (May '33)

KILLAM, ELSON T., Hyd. & San. Engr., 142 Maiden Lane, New York, N. Y. (Dec. '31)

KILLAM, SAMUEL E., Supt., Distr. Section, Water Div., 20 Somerset St., Boston, Mass. (Nov. '15)

KILLIAN, PAUL, Supt., Peoples Water Service Co., Brunswick, Ga. (Mar. '30)

KIMBERLY, A. ELLIOTT, Cons. San. Engr., 20 S. Third St., Columbus, O. (May '23)

KING, OSCAR L., Waterworks Supt., Kingsport, Tenn. (July '35)

KING, R. M., Chief Engr., Layne Arkansas Co., Stuttgart, Ark. (July '38)

KING, ROY S. (See Midland Public Utilities Commission)

KINGMAN, DEAN S., Civil Engr., 302 6th Ave., Sterling, Ill. (July '37)

KINGSLEY, GEORGE, Canal Point, Fla. (July '35)

KINGSTON, T. M. S. (See Chatham Board of Water Commissioners)

KINNEY, E. F., Sales Engr., Wallace & Tiernan Co., 5414 Broadway, Indianapolis, Ind. (Apr. '38)

KINNEY, JAMES B., Mgr., Wallace & Tiernan Ltd., 350 Sorauren Ave., Toronto, Ont., Can. (Jan. '37)

KINSEL, HARRY L., 2439 Delaware Ave., Buffalo, N. Y. (July '35)

KIRCHOFFER, WILLIAM GRAY, San. & Hyd. Engr., 22 N. Carroll St., Madison, Wis. (Jan. '23)

KIRKPATRICK, JOHN W., Engr., 201 State House Annex, Indianapolis, Ind. (Jan. '37)

KIRKPATRICK, WILLIAM, Supt., Filter Plants & Water Dist., Water & Sewerage Board, Water Engineer's Office, Cross Roads P. O., Jamaica, B. W. I. (July '34)

KITCHEN, H. B., Mgr., Watsonville City Water Works, 268 Main St., Watsonville, Calif. (Feb. '24)

KITCHENER WATER COMMISSION, J. C. Breithaupt, City Hall, Kitchener, Ont., Can. (Corp. M. Feb. '20)

KITTREDGE, H. S. (See San Jose Water Works)

KITTRELL, F. W., State Dept. of Public Health, Nashville, Tenn. (July '35)

KIVARI, A. M., Pacific Coast Mgr., The Dorr Co., Inc., 811 W. 7th St., Los Angeles, Calif. (Sept. '31)

KLASSEN, CLARENCE W., Chief San. Engr., State Dept. of Public Health, Springfield, Ill. (Jan. '35)

KLAUS, FRED J., City Engr., City of Sacramento, 205 City Hall, Sacramento, Calif. (Oct. '15)

KLEIN, GEORGE C., Draftsman, Dept. of Water & Power, Box 240, Arcade Annex, Los Angeles, Calif. (Apr. '36)

KLEIN, WILLIAM I., Cons. Engr., 21 Maple Terrace, East Orange, N. J. (July '13)

KLEISER, PAUL J., Engr., State Board of Health, 201 State House Annex, Indianapolis, Ind. (Jan. '37)

KLORER, JOHN, Cons. & Planning Engr., Sewerage-Water Board of N. O., 526 Carondelet St., New Orleans, La. (July '37)

KNEALE, JOHN S., JR., Chemist in Charge, New York Water Service Corp., 2015 Church Ave., Brooklyn, N. Y. (Jan. '38)

KNICKERBACKER, JOHN, C. E., Pres., Eddy Valve Co., 86 First St., Troy, N. Y. (June '13)

KNIGHT, G. WEBBER, Mgr., Natrona Water Co., Natrona, Pa. (Dec. '25)

KNITTEL, E. A., Lynden, Wash. (July '35)

KNOEDLER, H. A., Western Mgr., Inertol Co., Inc., 64 South Park, San Francisco, Calif. (Oct. '37)

KNOTT, JOHN J., Supt., Mutual Water Co., 3923 Clara St., Cudahy, Calif. (Oct. '37)

KNOWLES, C. R., Supt., Water Service, Illinois Central System, 135 E. 11th Pl., Chicago, Ill. (June '13) *Director '31–'33.*

KNOWLES, CLARENCE W., City Engr., City Hall, Johnstown, N. Y. (May '30)

KNOX, STUART K., Cons. Engr., 25 Warfield St., Montclair, N. J. (June '09)

KNOX, W. H., Asst. Engr., State Dept. of Health, Columbus, O. (Jan. '27)

KNOXVILLE WATER DEPT., M. B. Whitaker, Engr. in Charge, City Hall Park, Knoxville, Tenn. (Corp. M. May '23)

KNUDSEN, H. A., Mech. & Elec. Engr., East Bay Mun. Utility Dist., 512 16th St., Oakland, Calif. (Oct. '37)

KOEBIG, ADOLF H., JR., Cons. Engr., 821 Rowan Bldg., 458 S. Spring St., Los Angeles, Calif. (July '34)

KOON, RAY EMERSON, Stevens & Koon, Cons. Engrs., Spalding Bldg., Portland, Ore. (Feb. '22)

KOPPERS CO., Western Gas Div., Fort Wayne, Ind. (Assoc. M. June '33)

KORVES, ALBERT A., 245 Ross Park., Syracuse, N. Y. (July '35)

KOSTER, ROY F., 414 W. Adams St., Los Angeles, Calif. (Aug. '27)

KRAMER, WARREN A., State Board of Health, 200 Monroe St., Jefferson City, Mo. (Mar. '27)

KRASSY, CHARLES M., Box 297, Manville, N. J. (Jan. '37)

KRAUSE, JOHN W., Supt. of Water. Brookfield, Ill. (Mar. '32)

KRIEGSHEIM, HEINRICH, 200 West 86th St., New York, N. Y. (May '15)

KRIZ, FRANK, Div. Engr., Water Div., 1640 So. Kingshighway Blvd., St. Louis, Mo. (Jan. '38)

KROEZE, H. A., Dir., Div. of San. Engr., Miss. State Board of Health, Jackson, Miss. (Jan. '38)

KRUMM, TAHLMAN, Cons. Engr., 65 Meadow Park Rd., Bexley, Columbus, Ohio (Jan. '38)

KUESTER, JOHN H., Supt., Water Works, 370 Naymut St., Menasha, Wis. (June '23)

KUHNS, HAYES R., The Leadite Co., Killbuck, Ohio (Sept. '30)

KUNIGK, W. A., Supt., Water Div., 2903 N. 26th St., Tacoma, Wash. (Aug. '24) *Director '31, '32.*

KUNKLE, CHARLES W., Vice-Pres. & Gen. Mgr., Johnstown Water Co., 445 Tioga St., Johnstown, Pa. (June '24)

KURANZ, A. P., Supt., Water Dept., Waukesha, Wis. (Oct. '31)

KYDD, PAUL M., Pres., Jamaica Water Supply Co., 161-20—89th Ave., Jamaica, N. Y. (Dec. '31)

LAASE, WILLIAM F., Asst. Engr., Dept. of Water Supply, Gas & Electricity, New York City, 142-26 32nd Ave., Flushing, N. Y. (May '24)

LABSAP, A. H., Water Supt., Longview, Wash. (Dec. '27)

LA DUE, WENDELL R., Chief Engr. & Acting Supt., Bur. of Water Supply, Municipal Bldg., Akron, Ohio (July '34)

LAFAYETTE WATER WORKS, S. E. Edwards, Supt., Lafayette, Ind. (Corp. M. Dec. '37)

LAFLIN, ALBERT A., Supt., Water Works, St. Stephen, N. B., Can. (June '20)

LAFRENIERE, THEO. J., San. Engr., Board of Health of P. Q., 59 Notre Dame, East, Montreal, Can. (June '16)

LAGUNA BEACH COUNTY WATER DISTRICT, G. A. Wildig, Laguna Beach, Calif. (Corp. M. May '27)

LAKE FOREST WATER DEPT., J. C. McNicol, Mgr., City Hall, Lake Forest, Ill. (Corp. M. May '27)

LAKEWOOD WATER CO., Newman Cheek, Pres., Madison, Tenn. (Corp. M. Apr. '38)

LAMAR, WILLIAM L., Asst. Chemist, U. S. Geological Survey, Washington, D. C. (Jan. '37)

LA MARRE, RENE J., Supervisor of Filtration, Detroit Dept. of Water, 8300 W. Warren Ave., Dearborn, Mich. (Jan. '35)

LAMB, CARTER H., Valuation Engr., Jamaica Water Supply Co., 161-20—89th Ave., Jamaica, N. Y. (Jan. '38)

LAMBERT, CARL F., Utility Engr. & Consultant, 805 Biscayne Bldg., Miami, Fla. (Apr. '30)

LAMOND, A. W., Water Analyst, Alexandria Water Co., 4 Cedar St., Alexandria, Va. (Feb. '32)

LAMPLEY, J. H., Mgr., Board of Water Commissioners, Hendersonville, N. C. (Aug. '26)

LAMPMAN, EDWARD B., Jr. San. Chemist, 172 South Algonquin St., Detroit, Mich. (Jan. '38)

LAMPMAN, K. J., Water Works Supt., Public Utilities Comm., Exeter, Ont., Can. (Jan. '37)

LANCTOT, THEO., City Engr., Hull, Que., Can. (Mar. '26)

LANE, D. ARNOLD, Asst. Engr., Los Angeles Dept. of Water & Power, 1349 Winchester Ave., Glendale, Calif. (Apr. '31)

LANG, FRANKLIN, Vice-Pres. & Gen. Mgr., Feedwaters, Inc., 140 Cedar St., New York, N. Y. (Feb. '30)

LANGELIER, WILFRED F., Assoc. Prof. San. Eng., Univ. of California, Berkeley, Calif. (Feb. '23)

LANGSTON, J. A., Mfrs. Agent, 311½ Zack St., Tampa, Fla. (July '38)

LANSFORD, PAUL T., Pres., Lansford & Co., 208 So. LaSalle St., Chicago, Ill. (Apr. '38)

LANSING BOARD OF WATER & ELECTRIC LIGHT COMMISSIONERS, Otto E. Eckert, Gen. Mgr., Lansing, Mich. (Corp. M. June '29)

LAPORTE WATER WORKS, Arthur Baker, Supt., Lake & Tyler Sts., LaPorte, Ind. (Corp. M. July '37)

LARSON, LINNE C., Asst. Engr., Dept. of Water & Power, 3425 Amesbury Road, Los Angeles, Calif. (Apr. '36)

LARSON, THURSTON E., Chemist, Illinois State Water Survey, Urbana, Ill. (July '37)

LASELL, FRED B., Chemist, Metropolitan Utilities Dist., 3023 Bondesson St., Omaha, Neb. (Jan. '34)

LASSITER, LEROY IRVING, San. Engr., Consolidated Board of Health, Wilmington, N. C. (May '26)

LASSO, ALFREDO F., Ing. Civ., Obras Sanitarias de la Nación, Buenos Aires, R. Argentina (Sept. '17)

LATHROP, THOMAS R., Asst. San. Engr., State Dept. of Health, Columbus, Ohio (Jan. '25)

LATTA, JOHN (See Northeastern Water & Electric Service Corp.)

LAUER, C. O., Pres. and Gen. Mgr., Gardiner Electric Light & Water Co., Gardiner, Mont. (July '31)

LAUGHLIN, HENRY F., Research Chemist, Industrial Chemical Sales Co., 563 Oak St., Tyrone, Pa. (Jan. '36)

LAUNER, NELSON M., Mgr., 2505 E. Whittier Blvd., Whittier, Calif. (Oct. '37)

LAUTER, CARL J., Chief Chemist, Washington Filtration Plants, Dalecarlia Filter Plant, Washington, D. C. (Apr. '22)

LAUTZ, W. E., Sect. & Mgr., Pekin Water Works, Pekin, Ill. (Nov. '15)

LAUX, PAUL C. (See Anderson, City of)

LAVELLE, JOHN, Asst. Supt., Meters & Services, Dept. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif. (Oct. '32)

LAWING, O. T., P. O. Box 334, Greer, S. C. (July '35)

LAWLOR, FRANCIS D. H., Supt., Citizens Water Co., Burlington, Iowa (July '06)

LAWLOR, JOSEPH P., Pres., General Filter Co., Ames, Iowa (Jan. '36)

LAWRENCE CITY WATER DEPT., City Hall, Lawrence, Kan. (Corp. M. Feb. '27)

LAWRENCE, FREDERICK H., 145 W. Sharpnack St., Germantown, Philadelphia, Pa. (Mar. '24)

LAWRENCE, ROBERT L., JR., Supt. & Chief Engr., Water Works Dept., City Hall, Nashville, Tenn. (June '34)

LAWRENCE, WILLARD C., Supt. of Filtration, Baldwin Filtration Plant, Fairmount Road, Cleveland, Ohio (June '26)

LAWSON, HUGH C., Dist. Mgr., Rensselaer Valve Co., 743 Subway Terminal Bldg., Los Angeles, Calif. (Apr. '37)

LAWTON, RALPH W., Civil Engr., 137 North Van Ness Ave., Los Angeles, Calif. (July '06) *Hon. Member '38.*

LAYNE & BOWLER, INC., J. G. Gordon, Jr., Pres., Memphis, Tenn. (June '16)

LAYNE-ATLANTIC COMPANY, R. R. Schweitzer, Chief Engr., 633 New Monroe Bldg., Norfolk, Va. (Assoc. M. Apr. '30)

LAYPORT, HERBERT, Supervisor, Water Dept., Dayton Power & Light Co., 30 Carson Ave., Dayton, Ohio (July '37)

LEA, WILLIAM S., Cons. Engr., 1226 University St., Montreal, Que., Can. (Jan. '24)

LEAD INDUSTRIES ASSOCIATION, 420 Lexington Ave., New York, N. Y. (Jan. '38)

LEADITE CO., INC., THE, Girard Trust Company Bldg., Philadelphia, Pa. (Assoc. M. Feb. '10)

LEAD LINED IRON PIPE CO., Wakefield, Mass. (Assoc. M. Oct. '98)

LEARNED, ALBERT P., Asst. Engr., Black & Veatch, Cons. Engrs., 4706 Broadway, Kansas City, Mo. (May '22)

LEBOLD, GEORGE, Supt. of Meters, Hackensack Water Co., 624 Park Ave., Weehawken, N. J. (Mar. '25)

LE BOSQUET, M., JR., 816 New Post Office Bldg., Chicago, Ill. (July '35)

LECHNER, BERNARD J., Sect. & Treas., Commissioners of Water Works, 701 French St., Erie, Pa. (July '29)

LEDDEN, ERNEST M., Sect. & Gen. Mgr., Sea Cliff Water Co., 244 Madison Ave., New York, N. Y. (Apr. '12)

LEE, CHARLES H., Cons. Hyd. Engr., 58 Sutter St., San Francisco, Calif. (Mar. '12)

LEE, FRANK O., City Engr., St. Petersburg, Fla. (July '35)

LEE, SCOTT M., Supt., City Water Dept., 58 Newman Ave., Arcadia, Calif. (June '27)

LEE, W. S., JR., Pres., W. S. Lee Engineering Corp., Power Bldg., Charlotte, N. C. (Jan. '36)

LEIPOLD, CARL, Supt., Water Filtration Plant, Winnetka, Ill. (May '30)

LEISEN, THEODORE A., Gen. Mgr., Metropolitan Utilities Dist., Utilities Bldg., Harney at 18th St., Omaha, Neb. (June '04) *Hon. Member '38. President '18. Vice-Pres. '12, '13, '17. Trustee '14–'16, '27–'29. Director '36–'38. Exec. Comm. '19, '20.*

LEMARIE, S. M. (See Bernard Co., Inc.)

LENDALL, HARRY N., Engineering Dept., Rutgers College, New Brunswick, N. J. (Mar. '23)

LENERT, L. G., Div. San. Engr., Georgia State Dept. Pub. Health, Swainsboro, Ga. (Mar. '32) *Director '34–'36.*

LENHARDT, LAURENCE G., Comm. of Public Works, City Hall, Detroit, Mich. (June '20)

LEONARD, CHARLES A., Supt. of Public Works, Hoosick Falls, N. Y. (July '35)

LEONARD, JAMES M., Supt., Virginia & Gold Hill Water Co., Virginia City, Nev. (May '30)

LEONARD, JOHN S., Supt., Speedway Water Works, 5010 W. Tenth St., Indianapolis, Ind. (July '37)

LEONARD, STEPHEN R. (See Sherrill-Kenwood Water Commission.)

LEVEQUE, ROLAND J., Supt. of Filtration, 809 Mortimer-Ave., Fredericksburg, Va. (Apr. '38)

LEVERIN, HARALD A., Chem. Engr., Mines Branch, Dept. of Mines, Ottawa, Ont., Can. (Jan. '36)

LEVY, A. G., Engr. of Constr. & Surveys, 1556 Ansel Road, Cleveland, Ohio (May '10)

LEWIS, ALVIN M., Asst. Supt., 323 County City Bldg., Seattle, Wash. (Jan. '29)

LEWIS, GEO. A., Hydrographer, Box 47, Independence, Calif. (July '34)

LEWIS, J. E., Supt., Yorba Linda Water Co., Yorba Linda, Calif. (Oct. '29)

LEWIS, JOHN V., Dept. of Public Works, 54 Court St., Rochester, N. Y. (Feb. '21)

LEWIS, W. M., Dist. Mgr., Layne New York Co., 529 Market St., Camden, N. J. (Jan. '37)

LEWISTOWN-REEDSVILLE WATER CO., Box 68, Lewistown, Pa. (Corp. M. May '22)

LEY, PETER, Plant Supt., Jamaica Water Supply Co., 161-20 89th Ave., Jamaica, N. Y. (Jan. '36)

LIBBY, FRANK D., Chemist, Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich. (May '23)

LIMB, JOHN MOZART, Chief Chemist, Western Aust. Govt. Railways, Midland Junction, W. Australia (Apr. '28)

LINCOLN CITY WATER & LIGHT DEPT., City Hall, Lincoln Neb. (Corp. M. Mar. '19)

LINDEBERG, OSCAR F., Chief Operator, Water Works, Box 745, Miles City, Mont. (July '35)

LINDERMAN, S. E., U. S. Pipe & Foundry Co., 2122 Koppers Bldg., Pittsburgh, Pa. (Jan. '37)

LINDSAY, ALEX (See Spokane)

LINDSTEN, H. C., Dist. Mgr., Wallace & Tiernan, Ltd., 301 Bank of Hamilton Bldg., Winnipeg, Man., Can. (Dec. '29)

LINGLEY, RALPH G., City Engr., 33 City Hall, Worcester, Mass. (Mar. '29)

LINK, CHAS. L., Mgr., City Water Works, Elkhart, Ind. (Jan. '35)

LINK, ERWIN, Director, City Water Works, Lautenschlagerstrasse 21, Stuttgart N. Germany (June '29)

LIPPE, LOUIS E. H., City Engr., Joliette, Que., Can. (Jan. '34)

LIPPINCOTT, J. B., Cons. Engr., 714 W. Olympic Blvd., Los Angeles, Calif. (Jan. '36)

LIPSET, JOSEPH (See Long Beach, City of.)

LISCHER, VANCE C., Engr. in Charge of Production, St. Louis County Water Co., 6600 Delmar, St. Louis, Mo. (Jan. '35) *Goodell Prize '38.*

LITTLE, B. C., 94 Westminster Road, Rochester, N. Y. (June '03) *President '21. Secretary '26-'36. Secretary Emeritus '36-. Trustee '18-'20. Exec. Comm. '22, '23.*

LITTLE ROCK MUNICIPAL WATER WORKS, Herbert L. Thomas, Pyramid Life Bldg., Little Rock, Ark. (Corp. M. Jan. '38)

LITTLEFIELD, R. T., Supt. of Public Works, Jesup, Ga. (Apr. '36)

LIVINGSTON MUNICIPAL WATER DEPT., Lewis T. Rathbun, Asst. Supt., 41 N. Livingston Ave., Livingston, N. J. (Corp. M. Jan. '38)

LIVINGSTONE, BARD (See San Bernardino Board of Water Commissioners)

LLOYD, ERNEST B., Elgin Water Works, Elgin, Ill. (July '35)

LOBLEY, GEO. W., 327 Maple St., Hammonton, N. J. (July '35)

LOCHRIDGE, ELBERT E., Engr., Water Dept., P. O. Box 1867, Springfield, Mass. (July '06)

LOCK JOINT PIPE CO., Box 21, Ampere, N. J. (Assoc. M. Oct. '15)

LOFTON, H. M., Gen. Mgr., & Treas., Columbian Iron Works, Chattanooga, Tenn. (May '95)

LOH, P. Y., Graduate Student, Purdue Univ., P. O. Box 521, West Lafayette, Ind. (Jan. '36)

LOMPOC LIGHT & WATER DEPT., E. A. Vaughan, 118 N. H St., Lompac, Calif. (Corp. M. Apr. '30)

LONDON PUBLIC UTILITIES COMMISSION, C. Eastwood, Office Mgr., City Hall, London, Ont., Can. (Corp. M. Apr. '09)

LONG BEACH, CITY OF, Joseph Lipset, City Engr., Long Beach, N. Y. (Corp. M. Jan. '31)

LONG BEACH WATER COMMISSION, Fred S. Porter, Gen. Mgr., 308 Public Utilities Bldg., Long Beach, Calif. (Corp. M. Oct. '31)

LONG, JAMES H., City Hall, Camden, N. J. (July '35)

LONG, JOHN S., Supt. of Water, Tampa, Fla. (May '33)

LONGLEY, F. F., Vice-Pres., Lock Joint Pipe Co., P. O. Box 21, Ampere, N. J. (July '07)

LONGWELL, JOHN S., Chief Engr. & Gen. Mgr., East Bay Municipal Utility Dist., 512—16th St., Oakland, Calif. (Oct. '31)

LORDLEY, H. E., Plant Mgr., Filtration Plant, Rothesay Road, Richmond, Va. (Jan. '36)

LOS ANGELES DEPT. OF WATER & POWER, H. A. Van Norman, Gen. Mgr. & Chief Engr., Bureau of Water Works & Supply, Box 240, Arcade Annex, Los Angeles, Calif. (Corp. M. Apr. '10)

LOSEE, JAMES R., Engr. & Supt., Tarrytown Water Works, 65 Main St., Tarrytown, N. Y. (July '28)

LOUISVILLE WATER CO., L. S. Vance, Chief Engr. & Supt., 435 S. Third St., Louisville, Ky. (Corp. M. Apr. '09)

LOURIE, G. E., Water Works Supt., P. O. Box 388, Bristol, Conn. (Sept. '23)

LOVEJOY, J. W., Supt., Water & Light System, Laurens, S. C. (Apr. '30)

LOVEJOY, WALTER L., City Engr. & Water Supt., 611 Third St., Hoquiam, Wash. (Jan. '36)

LOVEJOY, WM. H., Supt. of Filtration, Crescent Hill Plant, Louisville Water Co., Louisville, Ky. (June '08)

LOVELAND, CHESTER H., Cons. Engr., 1010 Bank of Italy Bldg., San Francisco, Calif. (Oct. '24)

LOVELAND, CITY OF, L. C. Osborn, City Engr., Loveland, Colo. (Corp. M. Apr. '26) *Director '35–'37.*

LOWE, GEO. R., JR., Sect. & Office Mgr., Columbus Water Works, Columbus, Ga. (Jan. '38)

LOWE, THOMAS M., Assoc. Prof. of Civil Eng., Univ. of Florida, Gainesville, Fla. (Jan. '37)

LOWER, J. R., Chemist-in-Charge, Bucyrus Water Works, Bucyrus, Ohio (Sept. '27)

LOWTHER, BURTON, Cons. Engr., 710 Colorado Bldg., Denver, Colo. (June '21) *Director '32-'34.*

LOZIER, WILLIAM S., Cons. Engr., 10 Gibbs St., Rochester, N. Y. (July '35)

LUBY, WILLIAM (See Troy Bureau of Water)

LUCAS, JAMES H., York Village, Me. (July '35)

LUCE, ARTHUR T., New York Water Service Corp., 90 Broad St., New York, N. Y. (Apr. '19)

LUDLOW VALVE MFG. CO., Troy, N. Y. (Assoc. M. Mar. '82)

LUEBBERS, RALPH H., Chemical Eng. Dept., Univ. of Missouri, Columbia, Mo. (Jan. '36)

LUGO, TOMAS A., Draftsman, Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Oct. '34)

LUIPPOLD, G. T., 405 North Kilkes Drive, Los Angeles, Calif. (Feb. '24)

LUMBERT, WM. J., Supt., Scituate Water Dept., Greenbush, Mass. (July '35)

LUNDBERG, A. T., Chief Engr., Arlington County Water Dept., Court House, Arlington, Va. (Jan. '36)

LUNDELL, GEORGE R., Asst. Chemist & Bacteriologist, Fridley Filtration Plant, Minneapolis, Minn. (Aug. '27)

LUNDVALL, CHARLES J., Salesman, National Tube Co., 71 Broadway, New York, N. Y. (Apr. '37)

LUTZ, FRED, Water Comm., Torrington, Wyo. (Oct. '37)

LYBROOK, W. M., Supt. Water & Sewer Depts., 2319 Lawndale Drive, Greensboro, N. C. (Apr. '38)

LYDEN, EDWARD F., Mgr., Lyden-McFarlin Co., Box 1294, Youngstown, Ohio (July '37)

LYLE, N. B., Scranton Spring Brook Water Serv. Co., 135 Jefferson Ave., Scranton, Pa. (June '26)

LYLES, JOSEPH E., Chemist, Tampa Filtration Plant, Tampa, Fla. (Jan. '27)

LYMAN, JAMES T., Supt. of Pipe Const., Bur. of Water Works & Supply, 201 Rose St., Los Angeles, Calif. (Apr. '36)

LYMAN, WILLIAM J., Southern Sales Mgr., National Cast Iron Pipe Co., Box 2542, Birmingham, Ala. (Jan. '36)

LYNCH, JAMES H., Div. Engr. with Greeley & Hansen, 111 Greenfield St., Buffalo, N. Y. (July '37)

LYNCH, (MISS) MADELINE, Water Bacteriologist, Dept. of Water & Power, 4812 Fifth Ave., Los Angeles, Calif. (Oct. '34)

LYNN, A. B., Mgr., South Pittsburgh Water Co., 238 Brownsville Road, Pittsburgh, Pa. (May '30)

LYON, A. S., Supt. of Public Works, Rocky Mount, N. C. (Dec. '23)

LYNCHBURG FOUNDRY CO., Lynchburg, Va. (Assoc. M. June '16)

MABBS HYDRAULIC PACKING CO., 431 S. Dearborn St., Chicago, Ill. (Assoc. M. May '23)

MABEE, WILLIAM C., Chief Engr., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Dec. '24) *Director '36, '37. Diven Medal '38.*

MACALUSO, VINCENT, Civil Engr., The Tuxedo Park Assn., Tuxedo Park, N. Y. (Jan. '36)

MACDONALD, C. C., Asst. Treas. West Virginia Water Service Co., 814 Peoples Bank Bldg., Charleston, W. Va. (Oct. '29)

MACDONALD, EDWARD, Foreman, Water Dept., Melvindale, Mich. (Aug. '32)

MACDONALD, EMMETT, Mgr., Illinois Water Service Co., Sterling, Ill. (June '04)

MACDONALD, W. E., City Water Works Engr., 330 Driveway, Ottawa, Ont., Can. (May '17)

MACDOWELL, ROLLIN F., Cons. San. Engr., 341 Chester-Twelfth Bldg., Cleveland, Ohio (July '37)

MACE, H. H., Barstow & Lefeber, 603 American Bldg., Cincinnati, Ohio (Oct. '37)

MACE, O. E., Chief Chemist, Pere Marquette Railway Co., Wyoming Yards, Grand Rapids, Mich. (Aug. '33)

MACKEEVER, WM., Asst. Foreman in Charge of Repairs, Rochester Water Works, Dewey Ave. & Bloss St., Rochester, N. Y. (July '35)

MACKIE, ROBERT F., Cons. Chemist & Chem. Engr., Box 47, Bradford, Pa. (July '35)

MACLAREN, JAMES F., Gore, Nasmith & Storrie, Cons. Engrs., 1130 Bay St., Toronto, Ont., Can. (Jan. '35)

MACON BOARD OF WATER COMMISSIONERS, Cliff T. Williamson, City Hall, Macon, Ga. (Corp. M. Apr. '29)

MACQUEEN, PHILIP O., 3031 Sedgwick Street, N. W., Washington, D. C. (May '24)

MAFFITT, DALE L., Gen. Mgr., Des Moines Water Works, Des Moines, Iowa (Apr. '18)

MAFFITT, HOWARD C., Cons. Chemist, 526—11th St., Des Moines, Iowa (Dec. '26)

MAFFITT, M'KEAN, Supt. Water Dept., Wilmington, N. C. (Dec. '22)

MAGGS, PERCY J., Waterworks Supt., Wetaskiwin, Alta., Can. (Jan. '37)

MAGUIRE, CHARLES A., City Hall, Providence, R. I. (July '35)

MAHLIE, WINFIELD S., Chemist in Charge, Filtration Plant, Fort Worth, Tex. (Feb. '23)

MAIN, T. C., Asst. Engr., Water Supt., Canadian National Railways, 458 Union Station, Winnipeg, Man., Can. (Jan. '37)

MAJESKE, JOSEPH F., Personnel Dir., Water Board Bldg., Detroit, Mich. (Jan. '38)

MAKIN, ARTHUR T., Pitometer Engr., Bur. of Water, City Hall, Niagara Falls, N. Y. (Apr. '37)

MALCOLM, WILLIAM LINDSAY, Prof. of Municipal Eng., Queens Univ., Kingston, Ont., Can. (Mar. '34)

MALCOR, W. E., Supt., Water Dept., 515 Sepulveda Blvd., Manhattan Beach, Calif. (Apr. '36)

MALLALIEU, WILLARD, Jersey City Water Works, P. O. Box 384, Boonton, N. J. (Dec. '14)

MALLMANN, WALTER LEROY, Dept. of Bacteriology, Michigan State College, East Lansing, Mich. (Jan. '38)

MALMO BYGGNADSKONTOR, Alfred Jerden, Chief. Engr., Malmo, Sweden (Corp. M. July '21)

MALONE, M. CARROLL, Civil Engr., Bur. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif. (Apr. '38)

MAMRELLI, EMIL S., Jr. Civil Engr., L. A. Aqueduct, Bur. of Water Works & Supply, P. O. Box 240, Arcade Annex, Los Angeles, Calif. (Oct. '34)

MANAHAN, ELMER G., Cons. Engr., 35 Ridgeway St., Mount Vernon, N. Y. (June '09)

MANAHAN, PATRICK, Supt. Water Works, Briarcliff Manor, N. Y. (May '24)

MANBERT, CAL R., Const. Engr., East Bay Municipal Utility Dist., 512–16th St., Oakland, Calif. (Aug. '33)

M & H VALVE & FITTINGS Co., Whitfield Clark, Pres., P. O. Box 117, Anniston, Ala. (Assoc. M. Feb. '30)

MANGUN, L. B., Chemist in Charge, Water Purif., Kansas City, Kan. (Feb. '20)

MANILA METROPOLITAN WATER DISTRICT, Jesus C. Perlas, Manila, Philippines (Corp. M. July '37)

MANN, DAVID A., Supt., Dept. of Public Service, Niagara Falls, N. Y. (Jan. '36)

MANN, KARL, "Water Works Engineering," 24 West 40th St., New York, N. Y. (Oct. '37)

MANOCK, FOSTER, Reliable Iron Foundry, 1583 Fishburn St., Los Angeles, Calif. (Nov. '32)

MANSFIELD, MYRON G., Vice-Pres., Morris Knowles, Inc., 507 Westinghouse Bldg., Pittsburgh, Pa. (June '24)

MANSON, A. B., Gen. Mgr., Public Utility Comm., Stratford, Ont., Can. (Feb. '30)

MANZ, HERMANN, Cons. Chemist, Sybelstr. 68, Berlin, Charlottenburg, Germany (Jan. '33)

MARCEL, VERAIN, Station de Recherches Hydrologiques, 58 Bis Rue de la Commanderie, Nancy -M & M-. France (Jan. '35)

MARCKMANN, O. W., Marckmann & Williams, Inc., P. O. Box 3085, Seattle, Wash. (Apr. '38)

MARLER, FRED, Water Supt., Colfax, Wash. (Jan. '35)

MARQUARDT, E., Prinzregenplaz 23-11, Munchen, Germany (Apr. '37)

MARQUIS, J. K., Engr. in Charge of Plant, Spartanburg Water Works, R #2, Chesnee, S. C. (July '30). *Director '38, '39–.*

MARS, A. D., JR., Mgr., Neptune Meter Co., Box 5210, Denver, Colo. (Dec. '26)

MARSDEN, ARTHUR B., Manchester Center, Vt. (July '35)

MARSH, JOHN A., Chemist, Baldwin Filtration Plant, 11216 Fairmont Road, Cleveland, Ohio (Apr. '37)

MARSHALL, G. A., Chief Clerk, Bur. of Water Works, 108 City Hall, Portland, Ore. (Apr. '30)

MARSHALL, L. A., Supt., Div. Filtration Plant, Division Ave. & W. 32nd St., Cleveland, Ohio (May '21)

MARSTON, FRANK A., Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (Feb. '22)

MARTIN, ARTHUR (See Oil City Bureau of Water)

MARTIN, FRANK W., Supt. of Utilities, Municipal Power Plant, Hinsdale, Ill. (Oct. '34)

MARTIN, H. B., Supt., Municipal Comm., Mohawk, N. Y. (Jan. '38)

MARTIN, J. C., Supt., Water Dept., Tarboro, N. C. (July '30)

MARTIN, MICHEL J., Chemical Engr., 395 Collins St., Melbourne C. 1, Australia (Jan. '36)

MARTIN, MILES H., Hyd. & San. Engr., West Virginia Water Service Co., Hinton, W. Va (July '34)

MARTIN, PHIL J., JR., City Water Supt., 224 North Highland Ave., Tucson, Ariz. (Mar. '31)

MARTINDALE, R. H., Supt., Electric Light & Water Wks. Dept., Sudbury, Ont., Can. (Sept. '29)

MARTINDALE, R. W., Pacific Coast Mgr., United States Pipe & Foundry Co., 907 Monadnock Bldg., San Francisco, Calif. (Nov. '23)

MARTINEZ, ROLANDO A., Cons. Engr., San Rafael 12, Havana, Cuba (Dec. '27)

MARTINEZ-PONTE, J. RAF., Civil & San. Engr., Norte 14 No. 139, Caracas, Venezuela (July '30)

MARVIN, GEORGE, Supt. of Water & Light Dept., Marshfield, Wis. (Sept. '24)

MARZEC, EDMUND J., County San. Engr., 3231—4th Ave., Sioux City, Iowa (Jan. '36)

MASON CITY WATER DEPT., C. B. Patchen, Supt., Mason City, Iowa (Corp. M. Jan. '37)

MASTIN, M. G., Chief Chemist, Westvaco Chlorine Prod. Corp., Newark, Calif. (Jan. '38)

MATHER, EDWARD K., Cons. Civil Engr., 309-13 Western Bldg., Mitchell, S. D. (Nov. '29)

MATHESON, D. H., 155 London St., S., Hamilton, Ont., Can. (May '34)

MATHEWS, EVERETT R., P. O. Box 1405, Aberdeen, S. D. (May '34)

MATHEWS, F. ROCKWELL, Water Supt., Mount Kisco, N. Y. (Jan. '34)

MATHEWS, L. R., Supt., Three Rivers Filtration Plant, Fort Wayne, Ind. (Jan. '35)

MATHEWS, W. W., 314 Oakland Ave., Council Bluffs, Iowa (Nov. '25)

MATHIESON ALKALI WORKS, INC., 60 E. 42nd St., New York, N. Y. (Assoc. M. Mar. '20)

MATTE, HUBERT P. T., Commercial Engr., Worthington-Gamon Meter Co., Harrison, N. J. (July '13)

MATTER, L. D., Dist. Engr., Penn. Dept. of Health, Kirby Health Center, Wilkes-Barre, Pa. (May '23)

MATTHEWS, J. C., R. C. Lennox & J. C. Matthews, 833 Architects & Builders Bldg., Indianapolis, Ind. (Jan. '38)

MATTHEWS, WM. E., III, Vice-Pres. & Gen. Mgr., Alabama Water Service Co., Watts Bldg., Birmingham, Ala. (Jan. '37)

MATTOON, STANLEY F., The Anderson-Mattoon Co., Ltd., 402-3 Board of Trade Bldg., 111 W. 7th St., Los Angeles, Calif. (May '30)

MAU, CARL F., Research Engr., California Water Serv. Co., 501 Federal Reserve Bank Bldg., San Francisco, Calif. (Jan. '37)

MAUCH, THEO. C. M., Supt. Pumping Stations, Indianapolis Water Co., Indianapolis, Ind. (Dec. '24)

MAUPIN, THOMAS J., Supt. of Pipe Line, R. 1, Box 147 A, Sandy, Ore. (May '34)
MAVIS, FREDERIC T., Univ. of Iowa, 210 Engineering Bldg., Iowa City, Iowa (Oct. '25)
MAXWELL, C. H., Supt. of Water, Colton, Calif. (Oct. '37)
MAXWELL, DONALD H., Cons. Engr., Alvord, Burdick & Howson, 1401 Civic Opera Bldg., Chicago, Ill. (Feb. '17)
MAYBROOK WATER BOARD, Fred Decker, Supt. of Public Works, Maybrook, N. Y. (Corp. M. Apr. '38)
MAYER, EDWARD B., Asst. C. E., Dept. of Water & Power, 207 So. Broadway, Los Angeles, Calif. (Oct. '29)
MAYER, M. A., Water Supt., Box 576, Rosebud, Tex. (July '35)
MCADAM, S. ALLEN, City Engr., 369 N. 9th St., Lebanon, Pa. (Apr. '36)
MCALARY, ALLAN, Supt. & Treas., Camden & Rockland Water Co., Box 151, Rockland, Me. (Apr. '22)
MCAMIS, JAMES W., Supt. of Water Works, Greeneville, Tenn. (Sept. '21)
MCARTHUR, J. W., Gen. Supt.-Sect., Eugene Water Board, City Hall, Eugene, Ore. (Apr. '33)
MCBRIDE, V. HUGH, Engr. & Supt., P. O. Box 191, Richmond Hill, Ont., Can. (Jan. '37)
MCCAFFREY, WM. A., Supt. of Water Works, 191 E. 6th St., Oswego, N. Y. (June '20). *Director '39–.*
MCCAMBRIDGE, J. H. (See Burbank Public Service Department)
MCCARTHY, J., Chemist, Racine Water Dept., 1129 E. Lexington Blvd., Milwaukee, Wis. (July '37)
MCCARTHY, OWEN A., Supt. of Water Supply, Michigan & Schaefer Road, Dearborn, Mich. (Mar. '27)
MCCASKEY, AMBROSE E., JR., Marshall College, Huntington, W. Va. (July '34)
MCCLANE, J. HUSTON, Bur. of Engr., State Board of Health, Jacksonville, Fla. (Oct. '37)
MCCLEARY, E. L., Supt., Silverton Water Comm., Silverton, Ore. (June '34)
MCCLENAHAN, W. T., Sr. Civil Engr., San. Dist. of Chicago, 6218 University Avenue, Chicago, Ill. (Apr. '14)
MCCLINTOCK, H. C. (See Boulder Water Department)
MCCLURE, IRA E., Supt. of Water Works, Columbus, Mont. (Mar. '25)
MCCORD, C. M. (See Memphis Board of Light & Water Commissioners)
MCCORMACK, J. W., Asst. Engr., Detroit Dept. of Water Supply, 735 Randolph St., Detroit, Mich. (Jan. '38)
MCCOY, R. A., JR., Supervising Engr., Virginia Beach, Va. (Oct. '37)
MCCRADY, MACHARVEY, Chief of Labs., Quebec Provincial Bur. of Health, 59 Notre Dame, E. Montreal, Can. (Apr. '16)
MCCREERY, T. W., Salesman, U. S. Pipe & Foundry Co., 1711 Webb Crawford Bldg., Birmingham, Ala. (Jan. '36)
MCCRONE, DONALD G., Filtration Plant Supt., E. B. Eddy Co., Hull, Que., Can. (May '33)
MCCURDY, H. S. R., Chief Engr., Philadelphia Suburban Water Co., 762 Lancaster Ave., Bryn Mawr, Pa. (July '27)
MCDONALD, NORMAN G., Gore, Nasmith & Storrie, Cons. Engr., 1130 Bay St., Toronto, Ont., Can. (Jan. '35)

McDonnell, Robert E., Burns & McDonnell Engineering Co., 107 W. Linwood Blvd., Kansas City, Mo. (May '13)
McDowell, D. Y., Malvern Water Works, Malvern, Ark. (July '35)
McDowell, Francis B., Jr., Asst. Mgr. & Engr., Commissioners of Public Works, Charleston, S. C. (June '29)
McElhiney, William Alva, Pres., J. P. Miller Art. Well Co., 9 South Clinton St., Chicago, Ill. (Jan. '38)
McEvoy, J. W., Supt., Water Works, Dubuque, Iowa (May '19)
McEwen, Jasper A., C. E. Draftsman, Bur. of Water Works & Supply, Box 240, Arcade Annex, Los Angeles, Calif. (Apr. '36)
McFarlane, Robert, Supt., Pumping & Filtration Plant, City Water Works, Brandon, Man., Can. (Jan. '36)
McFaul, W. L., City Engr. & Mgr. of Water Dept., City Hall, Hamilton. Ont., Can. (Mar. '24)
McGarigle, J. A., 137 Wellington St., W., Toronto, Ont., Can. (Jan. '33)
McGeehin, D. J., Supt., Wyoming Valley Water Supply Co., 38 S. Church St., Hazleton, Pa. (July '35)
McGhee, D. W., Mgr., Pasco Water Dept., Pasco, Wash. (Jan. '35)
McGonigale, Wm. J., Treas., Inter-State Water Co., 203 N. Jackson St., Louisville, Ky. (Apr. '12)
McGowan, Hugh, Jr., Supt., Pumping Station, 15 McKean St., Freehold, N. J. (Jan. '38)
McGuire, M. H. (See McMinnville Water & Light Dept.)
McIntyre, Gene, 727 West 7th St., Los Angeles, Calif. (July '37)
McIntyre, P. T., Jr. Engr., Los Angeles Dept. of Water & Power, 315 N. Adams St., Glendale, Calif. (Oct. '34)
McKague, John J., Repr., National Meter Co., 4207 1st Ave., Brooklyn, N. Y. (Apr. '38)
McKay, George, Jr., Pres., The Leadite Company, Girard Trust Co. Bldg., Philadelphia, Pa. (Apr. '30)
McKay, W. M., Johns-Manville Sales Corp., 116 New Montgomery St., San Francisco, Calif. (Jan. '38)
McKee, Wm. (See St. Marys Public Utilities Commission)
McKenzie, L. B. (See Ocala Water Dept.)
McKesson-Churchill Drug Co., Burlington, Ia. (Assoc. M. Oct. '34)
McLachlin, A. F. (See St. Thomas.)
McLachlan, Duncan P., Chief Engr., Municipal Water & Power Plant, 1148 Bryant St., Palo Alto, Calif. (July '36)
McLaughlin, H. L., Salesman, National Meter Co., 1310 Race St., Denver, Colo. (Mar. '26)
McLaughlin, Philip L., Div. San. Engr., West Virginia Water Service Co., 814 Peoples Bank Bldg., Charleston, W. Va. (July '28)
McLean, E. P., Engr., Moultrie, Ga. (Apr. '38)
McLean, J. D. (See Timmins, Corporation Town of)
McLean, R. F., Supt. of Water Dept., Walla Walla, Wash. (June '28)
McLean, W. A., Cons. Engr., 67 Yonge St., Toronto, Ont., Can. (July '35)
McLure, J. H., City Engr., Water Works, Chester, S. C. (Apr. '38)
McManamna, T. L., 24 Wintemute St., Fort Erie North, Ont., Can. (Jan. '34)

McMartin, E. D., Mgr., Crane-O'Fallon Co., 216 W. Third St., Pueblo, Colo. (Oct. '37)

McMillan, J. A., Mgr. of Water Works, Charlottetown, P.E.I., Can. (Mar. '27)

McMillan, John D., Asst. Supt. Water Dept., 540 Redlands Ave., Newport Beach, Calif. (Apr. '36)

McMinnville Water & Light Dept., M. H. McGuire, Mgr., McMinnville, Ore. (Corp. M. July '34). *Director '39–.*

McMorrow, Bernard J., San. Engr., 1629 N. Dayton St., Phoenix, Ariz. (Jan. '38)

McMullen, R. S., 409 First National Bank Bldg., Carbondale, Pa. (July '35)

McMurry, W. F., 405 City Hall, Tulsa, Okla. (Apr. '36)

McNamee, Robert L., Shoecraft, Drury & McNamee, State Savings Bank Bldg., Ann Arbor, Mich. (June '26)

McNeice, L. G. (See Orillia Water, Light & Power Commission)

McNicol, J. C. (See Lake Forest Water Dept.)

McNutt, Paul R., 625 Durango Dr., Toledo, O. (July '35)

McPadden, J. H., Sect., Quigley Co., Inc., 56 W. 45th St., New York, N. Y. (Jan. '37)

McPhail, Alex. L., Supt., Water Works Comm., St. Catharines, Ont., Can. (Jan. '35)

McQuaid, Dan. J., Cons. Engr., 614 Cooper Bldg., Denver, Colo. (July '35)

McQueen, Leo E., Supt., Board of Public Works, Coldwater, Mich. (Apr. '23)

McRae, J. P., McRae Engineering Equipment Ltd., 11 King St., W., Toronto 2, Ont., Can. (Jan. '24)

McRorie, S. Robert, San. Engr., Pardee Engineering Co., 3915—29th St., Long Island City, N. Y. (Oct. '37)

McWane Cast Iron Pipe Co., Birmingham, Ala. (Assoc. M. Apr. '23)

McWilliams, D. E., Pres., Bear Gap Water Co., Mgr., Roaring Creek Water Co., Box 17, Shamokin, Pa. (Mar. '22)

Mead, Daniel W., C.E., 120 W. Gorham St., Madison, Wis. (Apr. '89) *Hon. Member '30.*

Meadows, J. O., San. Engr., J. T. Donald & Co., Ltd., 1181 Guy St., Montreal, Que., Can. (June '20)

Meaney, Wm. J., Jr., Head-Water Purif. Dept., 1536—C Ave., N. E., Cedar Rapids, Ia. (Oct. '34)

Medbery, Hiram Christopher, Water Purif. Engr., San Francisco Water Dept., Millbrae, Calif. (Oct. '37)

Medford Water Commission, Robert A. Duff, Supt., City Hall, Medford, Ore. (Corp. M. Mar. '30)

Meeker, W. L., Supt., Water Works Co., Clinton, Ia. (Oct. '28)

Meffert, W. H., Florida Lime Co., Box 478, Ocala, Fla. (July '35)

Meisel, A. L., City Mgr., Box 145, Williamsburg, Va. (Jan. '36)

Meites, H. L., Supt. of Water, 101 City Hall, Chicago, Ill. (July '35)

Melbourne & Metropolitan Board of Works, A. E. Kelso, Engr. of Water Supply, 110 Spencer St., Melbourne, C. 1., Victoria, Australia (Corp. M. Jan. '36)

MELLEN, ARTHUR F., Filtration Engr., Columbia Heights Filtration Plant, Minneapolis, Minn. (Mar. '15)

MELLON, T. A., Pres., Kensington Water Co., 2112 Oliver Bldg., P. O. Box 1114, Pittsburgh, Pa. (June '03)

MEMPHIS BOARD OF LIGHT & WATER COMMISSIONERS, C. M. McCord, Gen. Supt., P. O. Box 421, Memphis, Tenn. (Corp. M. Apr. '09)

MENG, B. B., Supt. of Water Works, Winnsboro, S. C. (Apr. '29)

MENGEL, CARL W., Dir., Public Works & Service, City Hall, Greensboro, N. C. (Jan. '38)

MENZIES, D. B., Provincial San. Engr., 218 Administration Bldgs., Edmonton, Alta., Can. (Jan. '37)

MERCKEL, F. G., Wallace & Tiernan Co., Inc., P. O. Box 178, Newark, N. J. (Jan. '21)

MEREDITH, E. C., Asst. San. Engr., State Dept. of Health, 119 State Office Bldg., Richmond, Va. (Jan. '37)

MERFELD, F. A. (*See* Citizens Utilities Co.)

MERKEL, PAUL P., Analytical & Cons. Chemist, 1528 N. 11th St., Reading, Pa. (Jan. '37)

MERRICK, CLYDE R., Water Supply Contractor, 3712 Brill St., Indianapolis, Ind. (Jan. '37)

MERRICK, MARLOWE M., Engr. Juntas Mejoras, 16 de Septiembre 58, Mexico, D. F. Mexico (Jan. '38)

MERRILL, ARTHUR J. (See Johnson City Water Dept.)

MERRIMAN, THADDEUS, Cons. Engr., 611 W. 110th St., New York, N. Y. (May '20)

MERRIMAN, WILLIAM H., Draftsman, Water Dept., 1202 E. Mohawk Ave., Tampa, Fla. (Jan. '36)

MERRITT, EMMETT, Supt., City Water Plant, Beaumont, Tex. (Apr. '36)

MERRITT, WILL D. Supt., Water Dept. & City Engr., Mount Airy, N. C. (Oct. '30)

MERRITTON PUBLIC UTILITIES COMMISSION, Fred Barwell, Supt., Water Works Dept., Merritton, Ont., Can. (Corp. M. June '26)

MERRYFIELD, FRED., Asst. Prof. Civil Eng., Oregon State College, Corvallis, Ore. (May '34)

MERZ, H. S., Supt. of Water Dept., 3227 Westgate Pky., Rockford, Ill. (Oct. '37)

MESSER, RICHARD, San. Engr., State Dept. of Health, 615 State Office Bldg., Richmond, Va. (Sept. '11)

MEXICO BANCO NACIONAL HIPECARIO URBANO Y DE OBRAS PUBLICAS, S. A., Ave. Madero No. 32, Mexico, D. F., Mexico (Corp. M. Oct. '37)

MEYER, ED., Water Works Supt., Hespeler, Ont., Can. (Apr. '32)

MEYER, ERNEST L. H. (See Glens Falls Board of Water Commissioners)

MEYER, H. R. J., Civil Engr., Supply and Purifying Section, St. Louis Water Div., 1640 S. Kingshighway Blvd., St. Louis, Mo. (Jan. '35)

MEYER, J. EDWARD (See Citizens Water Supply Co. of Newtown)

MEYERHERM, CHARLES F., Albert F. Ganz, Inc., 511—5th Ave., New York, N. Y. (Jan. '22)

MICHAEL, A. C., Asst. Mech. Engr., 8300 W. Warren Ave., Dearborn, Mich. (Jan. '38)

MICHAEL, A. M., Supt., Water Dept., Mebane, N. C. (Aug. '26)
MICHAELS, A. P., 3446 Golfview Blvd., Orlando, Fla. (Aug. '24) *Director '31–'33.*
MICHAU, R., Asst. Engr. to Gen. Supt., Paris City Water & Sewerage Dept., 17, Boulevard Delessert, Paris, France (Mar. '27)
MICHIE, JOHN C., Durham, N. C. (June '03)
MIDDLETOWN WATER DEPT., Samuel C. Cannon, Supt., Middletown, Conn. (Corp. M. June '21)
MIDLAND PUBLIC UTILITIES COMMISSION, Roy S. King, Box 548, Midland, Ont., Can. (Corp. M. Mar. '27)
MILES, HARRY B., Exec. Vice-Pres. & Gen. Mgr., Consolidated Water Co., 712 Washington St., Utica, N. Y. (June '24)
MILFORD, T. H., Asst. San. Engr., State Dept. of Public Health, Montgomery, Ala. (Apr. '38)
MILFORD WATER CO., J. W. Kay, Supt., Milford, Mass. (Corp. M. July '35)
MILLARD, AUGUST B., Asst. Chief Operator, Camp Meade Filter Plant, 8303 Colesville Road, Silver Spring, Md. (Apr. '38)
MILLER, A. O., Pres., Petroleum Iron Works Co., Box 539, Sharon, Pa. (July '35)
MILLER, ALDEN W., Sales Engr., 1833 N. 13th Ave., Phoenix, Ariz. (Oct. '34)
MILLER, ARTHUR H. (See Sheboygan Board of Water Commissioners.)
MILLER, ARTHUR P., San. Engr. in Charge, Interstate San. Dist. No. 1, United States Public Health Service, Sub-Treasury Bldg., New York, N. Y. (Sept. '20)
MILLER, F. C., City Chemist, Trinidad, Colo. (July '35)
MILLER, J., HUGH Chief Engr., Water Dept., Laurel, Miss. (Apr. '37)
MILLER, LESTER, Asst. Engr. State Board of Health, 201 State House Annex, Indianapolis, Ind. (July '37)
MILLER, MERLE J., Supt., City Light & Water Works, 124 W. Lincoln Ave., Goshen, Ind. (July '35)
MILLER, NICHOLAS P., Village Clerk, 1775 Washington Ave., Wilmette, Ill. (Jan. '38)
MILLER, RUSSELL, Supt., Water & Light Plant, Amory, Miss. (Apr. '30)
MILLER, S. J., Asst. Div. Engr., Northern Indiana Power Co., Kokomo, Ind. (Jan. '37)
MILLER, WALLACE T., Supt., Board of Water Commissioners, Municipal Bldg., Ossining, N. Y. (Aug. '33)
MILLER, WARREN C., City Engr., City Hall, St. Thomas, Ont., Can., (Feb. '23)
MILLIKEN, W. W. (See Santa Monica, City of.)
MILLS, C. J., JR., Mgr., Municipal Water Works, Waynesboro, Ga. (Jan. '37)
MILLS, F. R., Gen. Mgr., City Utilities Dept., 110 S. Palmetto Ave., Daytona Beach, Fla. (Jan. '37)
MILLS, S. A., Supt., Alabama Water Service Co., Bessemer, Ala. (Apr. '36)
MILLVILLE WATER CO., Alfred Brandriff, Millville, N. J. (Corp. M. Jan. '16)
MINKUS, ALEXANDER J., 315 Pearl St., Hartford, Conn. (Oct. '37)
MINNEAPOLIS COMMITTEE ON WATER WORKS, A. R. Gisslen, Ch., Minneapolis, Minn. (Corp. M. June '20)
MINOR, EDWARD EASTMAN, Gen. Mgr., New Haven Water Co., New Haven, Conn. (May '12)

MINOR, L. O., Supt. of Water Works, Plattsmouth, Neb. (July '22)

MISHAWAKA CITY WATER & ELECTRIC DEPTS., City Hall, Mishawaka, Ind. (Corp. M. Dec. '37)

MITCHELL, GEORGE W., Dist. Mgr., Wallace & Tiernan Co., 917 Terminal Sales Bldg., Seattle, Wash. (July '34)

MITCHELL, LEWIS, Belmont, Ilkley, Yorkshire, England (Nov. '24)

MITCHELL, LOUIS, Dean, College of Applied Science, Syracuse Univ., Syracuse, N. Y. (Mar. '32)

MITCHELL, T. S., Comm. of Utilities, City Hall, Greenville, Tex. (July '35)

MITCHELL, WM. H., Dist. Sales Mgr., The Permutit Co., 210 S. Clark St., Chicago, Ill. (Jan. '35)

MITCHELL, WILLIAM P., Local Mgr., Public Service Co. of Indiana, Crawfordsville, Ind. (Jan. '37)

MITTELSTAEDT, R. E. (See Sacramento Division of Water)

MOAT, CHARLES P., Chemist, State Board of Health, 2 Colchester Ave., Burlington, Vt. (Jan. '15)

MOFFAT, A. G., Sect., Sewerage & Water Board of N. O., 526 Carondelet St., New Orleans, La. (July '37)

MOFFAT, H. A., Industrial Chemical Sales Div., West Virginia Pulp & Paper Co., 205 W. Wacker Drive, Chicago, Ill. (Apr. '38)

MOHLMAN, FLOYD W., Chief Chemist, San. Dist. of Chicago, 910 S. Michigan Ave., Chicago, Ill. (Oct. '21)

MOIR, DONALD, Montevideo Waterworks Co., Ltd., 52, Moorgate, London, E. C. 2, England (June '24)

MOLINA, EDUARDO, Civil Engr., Wagner 18, Guadalupe Inn, Villa A. Obregon, D. F., Mexico (Jan. '37)

MOLINE WATER WORKS, A. E. Anderson, Supt., City Hall, Moline, Ill. (Corp. M. Jan. '16)

MOLIS, WALTER W., Office Mgr., City Water Works, 710 Iowa Ave., Muscatine, Ia. (July '35)

MOLIS, WM., Supt., Water Works, Muscatine, Ia. (Mar. '82) *Hon. Member '35. Vice-Pres. '00. Exec. Comm. '90–'95.*

MONRO, ALBERT, Supt., Pipe Constr., Los Angeles Dept. of Water & Power, 141 N. Meyler St., San Pedro, Calif. (Oct. '30)

MONROE AVENUE WATER DIST., Geo H. Bliven, 2010 Monroe Ave., Rochester, N. Y., (Corp. M. Oct. '37)

MONROE, H. L., Supt. of Water Works, Pontiac, Mich. (July '19)

MONSANTO CHEMICAL CO., Merrimac Div., Everett Station, Boston, Mass. (Assoc. M. Apr. '37)

MONTAUK BEACH DEVELOPMENT CORP., George Walker, Supt., Water Dept., Montauk, N. Y. (Corp. M. Jan. '37)

MONTGOMERY BOARD OF WATER COMNRS., Edward Ayers, Supt. of Public Works, Montgomery, N. Y. (Corp. M. Apr. '38)

MONTOULIEU, HENRY J., Civil Engr., Calle B. No. 70, Entre 21 y 23, Vedado, Habana, Cuba (Nov. '11)

MOON, PHILIP G. G., Engr. & Gen. Mgr., Bournemouth Gas & Water Co., 136 Old Christchurch Rd., Bournemouth, England (Oct. '32)

MOORE, C. HERBERT, 505 City Hall, Buffalo, N. Y. (July '28)

MOORE, CHARLES E., Vice-Pres. & Treas., Roanoke Water Works Co., 311 Avenham Ave., Roanoke, Va. (Oct. '23)

MOORE, ERNEST (See Muscatine City Water Works)

MOORE, G. W., State Dept. of Health, Terminal Bldg., Rochester, N. Y. (Apr. '37)

MOORE, GEORGE S., Supt. of Water & Light, Albemarle, N. C. (Apr. '24)

MOORE, J. PERRY (See Houston Water Dept., City of.)

MOORE, RUSSELL B., Cons. Engr., K. P. Building, Indianapolis, Ind. (Jan. '28)

MOORE, W. D., Pres., American C. I. Pipe Co., Birmingham, Ala. (Jan. '38)

MORAN, JOHN W., Supt. of Water Works, 10 Procter St., Gloucester, Mass. (Jan. '36)

MOREHOUSE, WALLACE W., Dir., Dept. of Water, Room 308, U. B. Annex, Dayton, O. (Jan. '23)

MOREY, DAVID, JR., San. Engr., 417-418 Praetorian Bldg., Dallas, Tex. (May '23)

MORLEY, E. CARLOS, Supt. of Water, Sodus Point, N. Y. (July '35)

MORRILL, ARTHUR B., 13563 Birwood Ave., Detroit, Mich. (Oct. '25)

MORRILL, JOHN E., Asst. Engr., Sewerage & Water Board of N. O., 526 Carondelet St., New Orleans, La. (Oct. '37)

MORRIS, CHARLES H., Supervisor, Water Dept., City Hall, New Brunswick, N. J. (June '16)

MORRIS, D. B., C. B. Lyon & Bro. Inc., 2303 Hampden Ave., St. Paul, Minn. (Oct. '35)

MORRIS, SAMUEL B., Dept. of Civil Eng., Stanford Univ., Calif. (June '20) *Diven Medal '33. Director '31-'33.*

MORRISON, H. H., Dist. Sales Engr., The Permutit Co., 415 Provident Bldg., Chattanooga, Tenn. (July '35)

MORRISON, THOMAS J., Comm. of Public Works, 54 Court St., Rochester, N. Y. (Mar. '34)

MORROW, BEN. S., Engr., Water Bur., 209 City Hall, Portland, Ore. (Apr. '26) *Director '33-'35.*

MORSE, HOWARD SCOTT, Gen. Mgr., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Sept. '25) *Director '31, '35.*

MORTON, ROY J., Vanderbilt Univ., School of Medicine, Nashville, Tenn. (July '35)

MOSES, CHAS. S. (See Delavan Water Commission.)

MOSES, HOWARD E., Chief Engr., State Dept. Health, 1522 N. Second St., Harrisburg, Pa. (Apr. '22)

MOSIER, CORTLAND, Supt., Spring Valley Water Works & Supply Co., 147 Main St., Spring Valley, N. Y. (Dec. '29)

MOSS, E. H., Supt. of Plants, High Point, N. C. (July '30)

MOSS, ROSCOE, Roscoe Moss Co., 4360 Worth St., Los Angeles, Calif. (Oct. '35)

MOTT, SAMUEL J., City Engr., 377 Broadway, Saratoga Springs, N. Y. (Jan. '36)

MOULLET, LOUIS F., Mech. Engr., East Bay Municipal Utility Dist., 512—16th St., Oakland, Calif. (May '26)

MOUNT AIRY CITY WATER DEPT., Will D. Merritt, Supt., Mount Airy, N. C. (Corp. M. July '37)

MOUNT HOLLY WATER CO., Arthur D. Cross, Mgr. & Vice-Pres., 84 Mill St., Mount Holly, N. J. (Corp. M. Apr. '24)

MOUNTAIN VIEW SUBURBAN WATER CO., T. C. Binkley, Supt., Mountain View, Calif. (Corp. M. Oct. '37)

MOUNTIEN, MILES R., City Chemist, Dept. of Public Health, 914 County Court House, Miami, Fla. (Apr. '37)

MOWDER, CLYDE L., Chief Engr., Los Angeles Investment Co., 1033 S. Broadway, Los Angeles, Calif. (Oct. '35)

MOWER, CHARLES M., JR., 110 West Marshall St., Ithaca, N. Y. (May '30)

MOWER, STANLEY E., San. Engr., Apt. 34, 199 Stadium Pl., Syracuse, N. Y. (Apr. '37)

MOWREY, J. HASE, Mgr. of Public Utilities, 202 S. Second St., Chambersburg, Pa. (July '25)

MOWRY, ROBERT B., Dist. Mgr., Wallace & Tiernan Co., Belleville, N. J. (July '37)

MUDGE, JOHN REXFORD, Pres. & Gen. Mgr., Chemical Equipment Corp. of Calif., 414 Arroyo Dr., South Pasadena, Calif. (May '24)

MUEGGE, O. J., Asst. San. Engr., State Board of Health, 656 W. Crandall St., Madison, Wis. (May '25)

MUELLER BRASS CO., F. L. Riggin, Pres. & Gen'l Mgr., Port Huron, Mich. (June '27)

MUELLER CO., Decatur, Ill. (Assoc. M. Mar. '82)

MULLEN, B. J., Chief Plant Engr., 8300 W. Warren Ave., Dearborn, Mich. (Jan. '38)

MULLER, A. B. (See Southern California Water Co.)

MULLERGREN, ARTHUR L., Cons. Engr., 202 Fairfax Bldg., Kansas City, Mo. (Oct. '19)

MULLIGAN, D. G., Mountain States Inspection Bur., P. O. Box 1740, Denver, Colo. (Mar. '28)

MULTIPLEX MFG. CO., Multiplex Bldg., Berwick, Pa. (Assoc. M. May '16)

MUNDY, AMBROS, Supt., Middlesex Water Co., Woodbridge, N. J. (Mar. '14)

MUNN, HARVEY T., Hyd. Engr., National Board of Fire Underwriters, 222 W. Adams St., Chicago, Ill. (Mar. '20)

MUNROE, WALTER C., Chief Engr., Anne Arundel County San. Comm., Old High School Bldg., Annapolis, Md. (Jan. '24)

MUNYAN, E. A., Mgr., Gas & Water Depts., Union Gas & Electric Co., Fourth & Main Sts., Cincinnati, O. (Oct. '30)

MURCHISON, H. A., Salesman, The Permutit Co., P. O. Box 1201, Bradenton, Fla. (Apr. '37)

MURDOCH, JOHN H., JR., Attorney, Uniontown Water Co., American Water Works & Electric Co., 50 Broad St., New York, N. Y. (May '30)

MURNANE, DAVID J., Water Engr., Municipal Offices, Singapore, Straits Settlements (Nov. '29)

MURPHY, A. R., C. E., Fountain City, Tenn. (Apr. '11)

MURPHY, FRANK J., Supt., Div. of Meters, Milwaukee Water Works, City Hall, Milwaukee, Wis. (May '16)

MURPHY, FRANK M., Supt. of Distr., City Water Works, El Paso, Tex. (Oct. '35)

MURPHY, JAMES P., Filter Plant Supt., 119 Reformatory Ave., Pontiac, Ill. (Apr. '38)

MURRAY, A. L. (See General Utilities Co., Ltd.)

MURRAY, E. M., Mathieson Alkali Works, Service Ware House, Jacksonville, Fla. (July '35)

MURRAY, RAY M., Structural Engr., 814—37th Ave., Seattle, Wash. (Feb. '22)

MUSCATINE CITY WATER WORKS, Ernest Moore, Hershey Bank Bldg., Muscatine, Ia. (Corp. M. May '21)

MUSER, E. FRED, Mgr., Chester Water Service Co., Fifth & Welsh Sts., Chester, Pa. (Dec. '20)

MUSSER, H. P., Pres., Mullens Water Works, Kanawha National Bank Bldg., Charleston, W. Va. (Oct. '22)

MUSSI, A. P., Water Works Engr., 40 City Hall, Rochester, N. Y. (July '35)

MYERS, E. L., Myers, Noyes & Forrest, Cons. Engrs., 2204 Tower Petroleum Bldg., Dallas, Tex. (July '35)

MYERS, HU B., Civil Engr., 1028 Nashville Ave., New Orleans, La. (Jan. '38)

MYERS, JAMES M. (See Kenosha Water Dept.)

NALEFSKI, L. A., Chemist, 241 Oakdale Blvd., Decatur, Ill. (Jan. '36)

NANCE, E. L., Supt. of Plant, Route 3, Charlotte, N. C. (Oct. '37)

NASI, KAARLO WILLIAM, San. Engr., Whitman County Health Dept., Farmers Natl. Bank Bldg., Colfax, Wash. (Jan. '38)

NASSOIY, LOUIS, Supt. of Maintenance, Water Dept., City Hall, Niagara Falls, N. Y. (Apr. '37)

NATIONAL ALUMINATE CORP., 6216 W. 66th Pl., Chicago, Ill. (Assoc. M. June '26)

NATIONAL LEAD CO., Titanium Div., G. B. Coale, Mech. Supt., P. O. Box 58, South Amboy, N. J. (Corp. M. July '37)

NATIONAL METER CO., 4207 First Ave., Brooklyn, N. Y. (Assoc. M. Mar. '82)

NATIONAL TUBE CO., W. L. Schaeffer, 1902 Frick Bldg., Pittsburgh, Pa. (Assoc. M. May '21)

NATIONAL WATER MAIN CLEANING CO., 50 Church St., New York, N. Y. (Assoc. M. July '06)

NAYLOR, G. W., Mgr., Gettysburg Water Co., 141 Baltimore St., Gettysburg, Pa. (July '35)

NEAL, EDWARD D. (See East Aurora, Village of)

NEBELUNG, GEORGE H., Engr., Scranton-Spring Brook Water Service Co., 1522 Mulberry St., Scranton, Pa. (Oct. '21)

NEIGHBOUR, H. M., Supt. Water & Sewers, City Hall, Santa Ana, Calif. (Oct. '37)

NEILL, CLAYTON B., Div. Engr., California Water & Telephone Co., P. O. Box I, National City, Calif. (Oct. '35)

NEIS, R. E., City Director, Monroe, Mich. (Jan. '37)

NELSON, EARL C. (See Dover Water Commissioners.)

NELSON, FRED B., C. E., 950 Woodycrest Ave., New York, N. Y. (July '07)

NELSON, GEORGE A., Supt. of Water Works, City Hall, Boone, Ia. (June '27)

NELSON, H. LLOYD, Eastern Sales Mgr., U. S. Pipe & Foundry Co., Broad & Chestnut Sts., Philadelphia, Pa. (May '30) *Director '39–.*

NELSON, JOS. S. (See Sioux Falls Water Works)

NELSON, LEE M. (See Hastings Board of Public Works)

NELSON, NICK L., City Engr., Sioux City Water Works, 1505—24th St., Sioux City, Ia. (Oct. '37)

NELSON, OLAF, Ch., Board of Trustees, Council Bluffs City Water Works, Council Bluffs, Ia. (Jan. '35)

NELSON, SAMUEL B. S., Asst. Field Engr., Bur. of Water Works & Supply, 251 S. Larchmont Blvd., Los Angeles, Calif. (Oct. '34)

NEPTUNE METER CO., 50 W. 50th St., New York, N. Y. (Assoc. M. Aug. '94)

NESIN, BENJAMIN C., Chemist, Mt. Prospect Lab., 421 Flatbush Ave., Brooklyn, N. Y. (Oct. '37)

NETTLES, H. R., Instr. in Civil Eng., Thayer School, Dartmouth College, Hanover, N. H. (Jan. '37)

NEVINS, E., Asst. Supt., City Water Works, El Paso, Tex. (Jan. '36)

NEVLING, J. B., Sect.-Treas., Clearfield Water Co., Clearfield, Pa. (Oct. '14)

NEWCOMB, J. P., Sect., City Water Board, P. O. Box 1447, San Antonio, Tex. (July '35)

NEWELL, CLARK, Supt. of Water Works, Provo, Utah (July '28)

NEWHALL, H. LESTER, 6122 Gladys Ave., College Hill, Cincinnati, O. (June '29)

NEW JERSEY STATE WATER POLICY COMMISSION, George S. Burgess, Ch., 19 Washington St., East Orange, N. J. (Corp. M. Apr. '36)

NEW JERSEY WATER CO., E. H. Smith, Vice-Pres., 610 Station Ave., Haddon Heights, N. J. (Corp. M. Jan. '27)

NEWKIRK, S. F., JR., Engr. & Supt., Board of Water Commissioners, 18 W. Jersey St., Elizabeth, N. J. (Oct. '27) *Director '39–.*

NEWLANDS, JAMES A., San. Engr., 11 Laurel St., Hartford, Conn. (Oct. '14)

NEWMAN, ALFRED C., Asst. State Dir., State Board of Health, Jacksonville, Fla. (July '37)

NEW MEXICO POWER CO., O. B. Summers, Mgr., Santa Fe, N. M. (Corp. M. Mar. '24)

NEW MEXICO POWER CO., Agua Pura Div., E. A. Bradner, Mgr., Las Vegas, N. M. (Corp. M. May '09)

NEW ORLEANS SEWERAGE & WATER BOARD, Alfred Theard, Gen. Supt., 526 Carondelet St., New Orleans, La. (Corp. M. July '35)

NEWSOM, REEVES J., Cons. Engr., 500 Fifth Ave., New York, N. Y. (Nov. '18) *Director '36–'38. President '39.*

NEW TORONTO PUBLIC UTILITIES COMMISSION, A. H. R. Thomas, Supt. of Water Works, New Toronto, Ont., Can. (Corp. M. Jan. '33)

NEW WESTMINSTER, CITY OF, Andrew Hunter, Water Works Supt., 8th St. & 8th Ave., New Westminster, B. C., Can. (Corp. M. Jan. '36)

NICHOLS, M. STARR, Chemist, State Lab. of Hygiene, Madison, Wis. (Jan. '26)

NICKEL, JACK B., Asst. Engr., State Board of Health, 201 State House Annex, Indianapolis, Ind. (Jan. '37)

NICKLIN, H. S. (See Guelph, City of.)

NICOL, THOMAS BRUCE, Civil Engr., 341 Pitt St., Sydney, N. S. W., Australia (July '33)

NIEMEYER, H. W., Asst. Engr., Indianapolis Water Co., R. R. 9, Box 655, Indianapolis, Ind. (Apr. '30)

NISBET, GEORGE A., Water Supt., Palisades, Colo. (Oct. '34)

NISSLY, WARREN B., Engr. of Water Supply, Reading Co., 400 Gregg St., Shillington, Pa. (May '30)

NOBLE, MILFORD S., Supt., Water Dept., 145 Hawthorne Ave., Palo Alto, Calif. (Apr. '31)

NOBLE, RALPH E., 10140 Rhodes Ave., Chicago, Ill. (Mar. '27)
NOGUERA, GUSTAVO, Apartado 1509, Bogota, Colombia, S. A. (Apr. '38)
NOLAN, DAN C., JR., Lyceum Bldg., Tarrytown, N. Y. (Apr. '36)
NOLL, J. F., Supt. of Water Works, 215 Elizabeth St., Harrisonburg, Va. (May '30)
NORCOM, GEORGE D., Cons. San. Engr. & Chemist, Red Bank, N. J. (June '21)
NORDBERG, BRUNO V. E., Exec. Engr., 625 N. 50th St., Milwaukee, Wis. (Jan. '33)
NORDELL, ESKEL, Chemist, The Permutit Co., 330 W. 42nd St., New York, N. Y. (Apr. '37)
NORMAN, EARL E., Supt., Dept. of Public Utilities, City Hall, Kalamazoo, Mich. (Sept. '24)
NORRIS, M. ALVIN, Chemist, Orlando Utilities Comm., Box 1060, Orlando, Fla. (Feb. '27)
NORTH BAY, CITY OF, G. E. Elnor, City Foreman, City Hall, Ferguson St., North Bay, Ont., Can. (Corp. M. Jan. '37)
NORTHEASTERN WATER & ELECTRIC SERVICE CORP., John Latta, 150 Broadway, New York, N. Y. (Corp. M. Jan. '33)
NORTHERN INDIANA PUBLIC SERVICE CO., E. D. Anderson, Service Mgr., 5265 Hohman Ave., Hammond, Ind. (Corp. M. Jan. '36)
NORTHINGTON, K. V., Supt. Water, Ballinger, Tex. (July '35)
NORTH JERSEY DISTRICT WATER SUPPLY COMMISSION, Chrystal Brown, Supt. of Water Supply, Raymond Dam, Wanaque, N. J. (Corp. M. Oct. '34)
NORTHROP, GUY C., Gen. Sales Mgr., Hydraulic Development Corp., 50 Church St., New York, N. Y. (Oct. '33) *Director '36, '37.*
NORTHROP, L. E., Mgr., Los Angeles Branch Office, Neptune Meter Co., 701 E. Third St., Los Angeles, Calif. (Sept. '29)
NORTH YORK, TOWNSHIP OF, G. H. Baker, Waterworks Supt., Willowdale, Ont., Can. (Corp. M. Feb. '32)
NORTON, JOHN F., The Upjohn Co., Kalamazoo, Mich. (May '26)
NOYES, A. J. (See Deming Water Dept.)
NOYES, ARTHUR PAGE, City Mgr., Santa Rosa, Calif. (July '35)
NUEBLING, EDWARD, C. E., 525 W. 238th St., Riverdale, New York, N. Y. (Mar. '25)
NUNN, HENRY E., Supt. of Water Works, Van Buren, Ark. (Oct. '34)
NUSSBAUMER, NEWELL L., Nussbaumer & Clarke, Inc., Engrs., 33 S. Division St., Buffalo, N. Y. (May '34)
NUTTING, H. C., TESTING ENGINEERS, 4120 Davis Lane, Cincinnati, O. (Assoc. M. Sept. '33)
NUTTING, N. C., Local Mgr., California Water Serv. Co., 308 S. Catalina Ave., Redondo Beach, Calif. (Sept. '33)
OAKVILLE WATER & LIGHT COMMISSION, Oakville, Ont., Can. (Corp. M. Apr. '34)
OBREITER, JOS. W. (See Bloomfield, Town of.)
OCKERSHAUSEN, RICHARD W., General Chemical Co., 105 W. Madison St., Chicago, Ill. (Apr. '37)
O'BRIEN, DENIS F., A. P. Smith Mgr. Co., East Orange, N. J. (Jan. '35) *Hon. Member '35. Director '31–'39.*

O'Brien, John L. (See Binghamton Bureau of Water)

Ocala Water Dept., L. B. McKenzie, Supt., 512 Orange Ave., Ocala, Fla. (Corp. M. Apr. '38)

O'Connor, Philip J., 821 Kenilworth Ave., S. E., Warren, O. (Feb. '22)

Oconomowoc Water Dept., John W. Bolson, Supt., Oconomowoc, Wis. (Corp. M. June '29)

O'Dell, Wilson H., Supt. of Public Works, 38 Lapham Pk., Webster, N. Y. (Jan. '37)

Oden, E. H., Commissioner, Laurel, Miss. (Apr. '37)

Oeffler, W. A., Supt., Jasonville Water Co., K. of P. Bldg., Jasonville, Ind. (Jan. '37)

Oelkers, Carl L., City Engr., City Hall, North Tonawanda, N. Y. (Apr. '37)

Offutt, F. M., Supt., Williamson Water Dept., Williamson, W. Va. (July '35)

Ogborn, Courtney M., 148 State St., Johnstown, Pa. (Apr. '37)

Ogden, William H., Vice-Pres., South Bay Consolidated Water Co., 11 Smith St., Merrick, N. Y. (July '35)

Oglebay, G. J. (See Public Service Co. of Indiana)

Ohio Salt Co., The, H. M. Olson, Prom. Engr., 171 Longue Vue Dr., Mt. Lebanon, Pittsburgh, Pa. (Assoc. M. Oct. '37)

Ohland, Harold M., Hyd. Engr., Water Dept., 22 City Hall, Jersey City, N. J. (July '37)

Ohrt, Frederick (See Honolulu Board of Water Supply.)

Oil City Bureau of Water, Arthur Martin, Oil City, Pa. (Corp. M. July '34)

Oke, E. E. W., Mgr., Public Utilities Comm., Palmerston, Ont., Can. (July '34)

Old, Howard N., San. Engr., U. S. Public Health Service, U. S. Marine Hospital, 210 State St., New Orleans, La. (Oct. '32)

Olean Board of Water Commissioners, City Hall, Olean, N. Y. (Corp. M. Apr. '29)

O'Leary, Frederick J., West Coast Engr., The Barrett Co., 1136 S. Hayworth Ave., Los Angeles, Calif. (Oct. '34)

Oliver, George T., Engr., Antioch & Walnut Creek, Pittsburg, Calif. (Oct. '37)

Oliver, R. L., Service Engr., Dearborn Chemical Co., 2029 Huntington Lane, Fort Worth, Tex. (July '38)

Olsen, A. K., Supt., Creston City Water Works, Creston, Ia. (Jan. '35)

Olsen, William C., Cons. Engr., Raleigh, N. C. (Dec. '21)

Olson, Oscar E., Jr. Civil Engr., Bur. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif. (Apr. '37)

Olson, Pehr, Jr. Engr., Bur. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif. (Jan. '35)

Olson, W. M., Supt. of Filtration, Lake & Michigan Aves., Wilmette, Ill. (Apr. '26)

Omaha Metropolitan Utilities District, Utilities Bldg., Harney at Eighteenth St., Omaha, Neb. (Corp. M. Apr. '12)

O'Mealia, F. J., Supt., Water Dept., Le Roy, N. Y. (Jan. '36)

O'Neill, Chris., Supt. of Water, Lake Geneva, Wis. (Feb. '30)

O'Neill, John H., Louisiana State Board of Health, New Orleans, La. (Apr. '25)

O'Nial, William O., Tech. Officer, Filtration & Water Softening Pty. Ltd., 395 Collins St., Melbourne C. 1, Australia (Jan. '36)

Oppermann, Richard H., Librarian, United Gas Improvement Co., 1401 Arch St., Philadelphia, Pa. (Jan. '30)

Orchard, William J., San. Engr., P. O. Box 178, Newark, N. J. (Aug. '17) *Director '36–'38. Hon. Member '37.*

O'Reilly, A. R., 1416 Rose Virginia Rd., Reading, Pa. (May '25)

Orillia Water, Light & Power Commission, L. G. McNeice, Water Works Engr., Orillia, Ont., Can. (Corp. M. Apr. '34)

Ornstein, Georg, Chlorator Ges. m. b. H., Alexandrinenstr. 48, Berlin S. 14, Germany (Jan. '28)

Orth, Robert F., Johns-Manville Sales Corp., 1000 Market St., St. Louis, Mo. (July '35)

Osborn, L. C. (See Loveland, City of)

Osborn, L. M., Johns-Manville Sales Corp., 608—16th St., Oakland, Calif. (Jan. '38)

Osborne, James Q., Dist. Mgr., De Laval Steam Turbine Co., 516 Fourth Ave., Seattle, Wash. (Jan. '28)

Oshawa Public Utilities Commission, G. F. Shreve, Gen. Mgr. & Sect., 100 Simcoe St., S., Oshawa, Ont., Can. (Corp. M. Jan. '33)

Oswego Dept. of Water, Oswego, N. Y. (Corp. M. June '21)

Ottawa, City of, W. E. MacDonald, Transportation Bldg., Ottawa, Ont., Can. (Corp. M. Mar. '33)

Outzen, Andrew N., Detroit City Gas Co., Detroit, Mich. (Aug. '23)

Overman, R. E., Mayor, City of Little Rock, City Hall, Little Rock, Ark. (Jan. '36)

Overstreet, Ralph M., 1441 S. 4th St., Louisville, Ky. (Jan. '27)

Owego Water Works, Arthur B. Stiles, Owego, N. Y. (Corp. M. Apr. '14)

Owen, Marvin H., Engr. in Charge of Operation, Los Angeles Dept. of Water & Power, 11147 La Maida St., North Hollywood, Calif. (Apr. '33)

Owens, George W., Mgr., Pipe, Valves & Fittings Dept., Ducommun Corp., 219 S. Central Ave., Los Angeles, Calif. (Jan. '33)

Owens, O. C., Supt. of Water, Madera, Calif. (Oct. '37)

Owings, Noble L., Asst. Engr., Washington Suburban San. Dist., Riverdale, Md. (Jan. '23)

Pacific States Cast Iron Pipe Co., P. O. Box 18, Provo, Utah (Assoc. M. Oct. '27)

Paducah Water Works, (Miss) Lois Sutherland, Treas., Paducah, Ky., (Corp. M. Jan. '34)

Page, Blaine, 107 S. Franklin St., Shawano, Wis. (July '35)

Page, George C., Engr., Kennicott Water Softener Co., Ltd., Wolverhampton, England (June '30)

Pain, Herbert, Phillips & Pain, 31, Rue De La Vanne, Montrouge, Seine, France (Mar. '25)

Paine, G. G. (See Everett Water Dept.)

Painter, Carl Elliott, Vice-Pres. & Cons. Engr., Waterworks Equipment Co., Salt Lake City, Utah (Mar. '24)

Paitovi, Antonio, C. E., Rivadavia 3772, Buenos Aires, Argentine (July '19)

PALISADES INTERSTATE PARK COMMISSION, W. H. Gee, Bear Mountain Park, Iona Island, N. Y. (Corp. M. Jan. '35)

PALM SPRINGS WATER CO., A. F. Hicks, Pres., Palm Springs, Calif. (Corp. M. Oct. '37)

PALMER, F. F., City Engr., Box 486, Forsyth, Mont. (July '34)

PALMER, HENRY AUSTIN, Waterworks Engr., The Causeway, Staines, Middlesex, England (May '30)

PALMER, R. M., Chem. Engr., 373 Fourth Ave., New York, N. Y. (Apr. '30)

PARDEE ENGINEERING CO., 3915—29th St., Long Island City, N. Y. (Assoc. M. Mar. '30)

PARDEE, HOWARD J., San. Engr., 151 W. 105th St., New York, N. Y. (Mar. '30)

PARKER, FRANCIS L., PhD., M.D., Parker Lab., 40 Broad St., Charleston, S. C. (Jan. '25)

PARKER, J. A., Supt. of Water Plant, Sylacauga, Ala. (July '35)

PARKS, JAMES A., Detroit Dept. of Water Supply, 8300 W. Warren Ave., Dearborn, Mich. (Oct. '35)

PARKS, W. H., Bennettsville, S. C. (July '35)

PARKS, W. J., Jr., Supt. Water Sheds, Asheville, Swannanoa, N. C. (Aug. '29)

PARLETT, RUSSELL C., Water Chemist, Illinois Central R. R., 135 E. 11th Pl., Chicago, Ill. (Apr. '37)

PARSONS, NORMAN W., County San. Engr., New Cumberland, W. Va. (Oct. '34)

PASADENA WATER DEPT., Morris S. Jones, Chief Engr. & Gen. Mgr., 319 City Hall, Civic Center, Pasadena, Calif. (Corp. M. Oct. '24)

PASSOLT, A. A., Supt., Newnan Water & Light Comm., Newnan, Ga. (May '25)

PATCHEN, C. B. (See Mason City Water Dept.)

PATERSON, A. B., Pres., New Orleans Public Service, Inc., 317 Baronne St., New Orleans, La. (July '37)

PATERSON, WILLIAM, M. I. Mech. E., The Paterson Eng. Co., Ltd., Windsor House, Kingsway, London, W. C. 2, England (Nov. '24)

PATITZ, G. J., Cons. Engr., Standard Brands, Inc., 595 Madison Ave., New York, N. Y. (Oct. '23)

PATRICK, J. G., Chemist, West Virginia Pulp & Paper Co., Luke, Md. (June '30)

PATTEN, OMER M., Elec. Mechanic, Pumping Plants, Bur. of Water Works & Supply, 3868 East Blvd., Culver City, Calif. (July '37)

PATTERSON, JAMES N., Chemist, 40 Pacific Ave., Santa Cruz, Calif. (Oct. '35)

PATTERSON, RICHARD L., City Engr. and Supt. of Water Dept., Newport Beach, Calif. (Sept. '28)

PATTERSON, W. E., Chief Chemist, G. F. Sterne & Sons, Ltd., Brantford, Ont., Can. (Jan. '36)

PATTON, C. S., Mgr., Fabricated Plate Div., Alco Products, Inc., 30 Church St., New York, N. Y. (May '30)

PATTON, DAVID H., Dist. Engr., Johns-Manville Sales Corp., 101 Marietta St., Atlanta, Ga. (Oct. '34)

PAUL, MARCEL, Pres., Societe Anonyme des Hauts-Fourneaux & Fonderies de Pont-a-Mousson, 9–13 Rue St. Leon, Nancy, France (Feb. '27)

PAXTON-MITCHELL CO., 27th & Martha Sts., Omaha, Neb. (Assoc. M. Jan. '36)

PAYNE, FRED S., Maintenance Div., L. A. Aqueduct, Dept. of Water & Power, Fairmont Reservoir, Fairmont, Calif. (Jan. '36)

PEABODY, JAMES R., 905 Heyburn Bldg., Louisville, Ky. (Dec. '24)
PEARCE, IRVING C., Comm. of Public Works, 248 City Hall, St. Paul, Minn. (Jan. '37)
PEARL, EMANUEL H., 1613 Sabine St., Austin, Tex. (Jan. '37)
PEARSE, LANGDON, San. Engr., San. Dist. of Chicago, S. O. Bldg., 910 S. Michigan Ave., Chicago, Ill. (Feb. '13)
PEARSON, CHARLES DEARNE, The Shanghai Waterworks Co., Ltd., Thames House, Queen Street Place, London, E. C. 4, England (Mar. '22)
PEARSON, J. F., Supt., Water & Light Plant, 52 S. Middleton St., Orangeburg, S. C. (Feb. '29)
PEASE, MAXFIELD, 4614 Prospect Ave., Cleveland, O. (July '35)
PECK, ERMON M., Cons. Engr., 260 Edgewood St., Hartford, Conn. (July '07)
PECK, H. S., Comm. #2, Supt. of Water Dept., Court House, Fort Smith, Ark. (July '35)
PECK, LAWRENCE J., Wallace & Tiernan Co., Inc., P. O. Box 387, Delmar, N. Y. (May '27)
PECK, W. O. (See Dunkirk Board of Water Commissioners.)
PEDERSEN, H. V., Supt. of Water Works, Municipal Bldg., Marshalltown, Ia. (Mar. '22) *Director '33–'35.*
PEDLEY, FRANK B., Water Supt., East La Verne Rd., Pomona, Calif. (Nov. '32)
PEERLESS PUMP CO., P. O. Box 493, Massillon, O. (Assoc. M. June '27)
PEIRCE, C. J., JR., Asst. Office Engr.-Drainage, Sewerage & Water Board of N. O., 526 Carondelet St., New Orleans, La. (July '37)
PEIRCE, WALTER A., Mgr., Racine Water Dept., 2335 Carmel Ave., Racine, Wis. (June '22) *Director '33–'34.*
PEIRSON, A. G., Supt., Weston Public Utilities Comm., Weston, Ont., Can. (Feb. '23)
PELTON WATER WHEEL CO., 2929—19th St., San Francisco, Calif. (Assoc. M. Oct. '35)
PENA, ISIDRO R., Instructor in Chemistry, College of Agriculture, Mayaguez, Puerto Rico (July '35)
PENNEBAKER, H. A., City Mgr., Box 216, Tulare, Calif. (Jan. '36)
PENNICHUCK WATER WORKS, William F. Sullivan, Pres., Nashua, N. H. (Corp. M. Oct. '14)
PENNSYLVANIA SALT MFG. CO., Widener Bldg., Philadelphia, Pa. (Assoc. M. June '03)
PEQUEGNAT, MARCEL, B. A. Sc., Supt., Kitchener Water Comm., Kitchener, Ont., Can. (Feb. '24)
PERHAB, JOHN L. (See Beverly Hills Water Department.)
PERKINS, C. E., Supt. of Waterworks, Bartlesville Water Co., Bartlesville, Okla. (Feb. '28)
PERKINS, J. L., High Point, N. C. (July '35)
PERLAS, JESUS C. (See Manila Metropolitan Water District.)
PERMUTIT CO., THE, 330 W. 42nd St., New York, N. Y. (Assoc. M. Mar. '14)
PERRINE, CHARLES D., Operating Engr., Public Service Co. of Indiana, Indianapolis, Ind. (Jan. '37)
PERRINE, W. J., Supt., City Water Works, City Hall, Washington, Ind. (Jan. '36)

PERRY, AUBREY H., Dist. Engr., Dept. of Pensions & National Health, Box 1012, Vancouver, B. C., Can. (Mar. '31)

PERRY, F. M., Supt., Augusta Road Water & Sewer Sub-District, Box 801, Greenville, S. C. (July '37)

PERSON, H. A. (See Federal Light & Traction Co.)

PETERBOROUGH UTILITIES COMMISSION, R. L. Dobbin, Gen. Mgr., 223 Aylmer St., Peterborough, Ont., Can. (Corp. M. May '11)

PETERS, J. S., Chief Engr., Marin Municipal Water Dist., San Rafael, Calif. (Jan. '27)

PETERS, WILLIAM (*See* Valparaiso Dept. of Waterworks)

PETERSON, AXEL F., Comm. of Finance, St. Paul, Minn. (Jan. '35)

PETERSON, J. H., Johns-Manville Corp., 159 New Montgomery St., San Francisco, Calif. (Jan. '35)

PETROLEUM IRON WORKS CO., Box 539, Sharon, Pa. (Assoc. M. Nov. '25)

PFLANZ, E. L., 695 Vernon Ave., Glencoe, Ill. (July '35)

PHARAOH, HARRY W., Clymer Water Service Co., Indiana, Pa. (Dec. '27)

PHARR, J. M., Chemist & Bacteriologist, Newport News Waterworks Comm., Denbigh, Va. (Jan. '37)

PHELPS, EARLE B., Prof. of San. Science, Columbia Univ., 630 W. 168th St., New York, N. Y. (Oct. '14)

PHELPS, ELLIS K., Sales Engr., 322 Fairmount Rd., Ridgewood, N. J. (Oct. '37)

PHILADELPHIA SUBURBAN WATER CO., Van Horn Ely, Jr., 762 Lancaster Ave., Bryn Mawr, Pa. (Corp. M. May '09)

PHILLIPS, EDWARD H., Asst. Sect. & Treas., Peoples Water & Gas Co., 916 Weatherly Bldg., 516 S. E. Morrison St., Portland, Ore. (Jan. '37)

PHILLIPS, JAMES E., Dept. of Water & Power, P. O. Box 240, Arcade Annex, Los Angeles, Calif. (Apr. '31)

PHILLIPS, M. H., Supt., Paragould Water Works, Paragould, Ark. (July '38)

PHILLIPS, ROBERT S., Chemist, Northside Disposal Plant, 319 E. Trinity Ave., Durham, N. C. (Oct. '35)

PHILLIS, HOWARD D., Supt., Suburban Mutual Water Co., 945 N. Main St., Los Angeles, Calif. (Oct. '37)

PHIPPS & BIRD, INC., 915 E. Cary St., Richmond, Va. (Assoc. M. Jan. '35)

PHOENIX METER CORP., 147 Waterbury Ave., Prince's Bay, Staten Island, N. Y. (Assoc. M. May '27)

PIATT, WILLIAM M., Cons. Engr., Durham, N. C. (Aug. '21)

PICADO, RAMON M., Cons. Engr., San Jose, Costa Rica (May '30)

PICKELS, GEORGE W., Univ. of Illinois, 210 Engineering Hall, Urbana, Ill. (Oct. '37)

PIERCE, THOMAS D., Rate Engr., 820 Board of Trade Bldg., Indianapolis, Ind. (Mar. '30)

PILE, RICHARD, Supt. of Water Works, Somerset, Pa. (Mar. '30)

PINCUS, SOL., San. Engr., 4457 Waldo Ave., Bronx, New York, N. Y. (Feb. '20)

PINKHAM, CHESLEY M., Chief Operator-Filter Plant, Water Works Dept., 1312 Colina Lane, Santa Barbara, Calif. (Oct. '37)

PINKSTON, J. T., Supt. of Water Works, City Hall, Meridian, Miss. (Apr. '29)

PIPER, FRED V. H., Office Mgr., Bur. of Water, City Hall, Niagara Falls, N. Y. (Apr. '37)

PIRIE, JAS. C., Sales Engr., 802 No. Fairview Ave., Lansing, Mich. (Apr. '38)

PIRNIE, MALCOLM, Cons. Engr., 25 W. 43rd St., New York, N. Y. (May '17) *Diven Medal '31. President '34. Director '31–'33, '35–'39.*

PITOMETER CO., THE, 50 Church St., New York, N. Y. (Assoc. M. July '06)

PITTMAN, R. R., Arkansas Power & Light Co., Pine Bluff, Ark. (Oct. '34)

PITTSBURG MUNICIPAL WATER CO., H. L. Denham, City Adm., Pittsburg, Calif. (Corp. M. Feb. '30)

PITTSBURGH-DES MOINES STEEL CO., Pittsburgh, Pa. (Assoc. M. Apr. '14)

PITTSBURGH EQUITABLE METER CO., Wilkinsburg Branch P. O., Pittsburgh, Pa. (Assoc. M. June '98)

PLAMONDON, ADRIEN, C. E., Engr. & Contr., 369 Mount Royal St., W., Montreal, P. Q., Can. (May '16)

PLUMMER, WADE, Supt., Butte Water Co., Butte, Mont. (Dec. '25)

POFFENROTH, PETER B., Supt., Water Dept., City Hall, Endicott, Wash. (Apr. '38)

POHL, JOHN A., Eng. Draftsman, Bur. of W. W. & Supply, 3817 Sheffield Ave., Los Angeles, Calif. (Apr. '38)

POISSON, A. L., M. D., Ch., Water Div., Tecumseh, Ont., Can. (Jan. '38)

POLING, C. A., Diesel Elec. Pumping Plant Engr., Los Angeles Dept. of Water & Power, 10411 Camarillo St., North Hollywood, Calif. (Oct. '34)

POLK, WESLEY W., Comm. of Public Works, City Engr. & Supt. Water Dept., City Hall, Evanston, Ill. (Mar. '26)

POMONA PUMP CO., 206 E. Commercial St., Pomona, Calif. (Assoc. M. May '27)

POOLE, B. A., State San. Engr., 6421 Broadway—R. 16, Box 9-P, Indianapolis, Ind. (Jan. '35)

POOLE, GEORGE J., Supt. of Pumping Stations, Water Dept., 3855 Emerson Ave., N., Minneapolis, Minn. (June '30)

PORT HOPE WATERWORKS COMM., Port Hope, Ont., Can. (Corp. M. Mar. '29)

PORTER, D. P., Supt. of Water Works, 1305 E. 4th St., Pueblo, Colo. (Sept. '16) *Director '31.*

PORTER, F. B., Pres., Southwestern Labs., Box 1008, Fort Worth, Tex. (June '30)

PORTER, FRED H., Supt. of Water Dept., Havana, Ill. (July '37)

PORTER, FRED S., Gen. Mgr., Water Dept., 308 Public Utilities Bldg., Long Beach, Calif. (Oct. '32)

PORTER, H. HOBART (See American Water Works & Electric Co., Inc.)

PORTER, S. J., 345 Vermont St., San Francisco, Calif. (Oct. '37)

PORTLAND BUREAU OF WATER WORKS, Ralph C. Clydey, Comnr., 115 City Hall, Portland, Ore. (Corp. M. Apr. '38)

PORTLAND CEMENT ASSOCIATION, W. F. Tempest, Repr., Highways & Municipal Bur., 33 West Grand Avenue, Chicago, Ill. (Corp. M. Oct. '37)

PORZELIUS, A. F., Supt., City Water Co., Chattanooga, Tenn. (July '20) *Trustee '30. Director '31, '32.*

POTTER, ALEXANDER, Cons. Engr., 50 Church St., New York, N. Y. (July '07)

POTTS, CLYDE, Civil & San. Engr., 30 Church St., New York, N. Y. (July '06)

POTTS, H. G., 257 Superior St., Wyandotte, Mich. (Jan. '38)

POUGHKEEPSIE BOARD OF PUBLIC WORKS, Charles O. Conger, Supt., Eastman Park, Poughkeepsie, N. Y. (Corp. M. Dec. '12)

POULTER, A. F., Local Mgr., California Water Serv. Co., 1235 State Highway, Menlo Park, Calif. (Jan. '37)

POWELL, ALEXANDER C., 136 Grant St., Bangor, Me. (Mar. '10)

POWELL, H. P. (See Griffin Light, Water & Sewerage Dept.)

POWELL, SHEPPARD T., Cons. Chem. Engr., 330 No. Charles St., Baltimore, Md. (July '06)

POWELL, TREVOR J., Chief Installation Instructor, Johns-Manville Sales Corp., 22 East 40th St., New York, N. Y. (Oct. '37)

POWELL, W. L., Powell & Powell, Engrs., Republic Bank Bldg., Dallas, Tex. (Jan. '36)

PRACY, GEO. WESLEY, Supt., San Francisco Water Dept., 425 Mason St., San Francisco, Calif. (May '15) *President '33. Trustee '28–'30. Director '34.*

PRATT, ARTHUR H., Cons. Engr., 24 Commerce St., Newark, N. J. (Jan. '23)

PRATT, GILBERT H., Div. Mgr., Wallace & Tiernan Co., Inc., 350 Newberry St., Boston, Mass. (June '16)

PRATT, S. W. (See Seneca Falls Water Dept.)

PRAY, JOHN W., Supt. of Water Works, Ft. Dodge, Iowa (June '13)

PRESTON LIGHT & WATER COMM., G. E. Robertson, Ch., Public Utilities, 833 King St., Preston, Ont., Can. (Jan. '38)

PRICE, H. ARTHUR, Civil Engr., Dept. of Water & Power, 1729 W. 20th St., Los Angeles, Calif. (Oct. '34)

PRICE, NORMAN, Gen. Foreman, Repair & Meter Service, Rochester Water Works, Dewey Ave. & Bloss St., Rochester, N. Y. (July '35)

PRICE, WILL, Supt. of Water & San. Sewers, City Hall, Longmont, Colo. (Jan. '34)

PRIESS, O. L., Water Works Supply Salesman, 1631—15th St., Denver, Colo. (July '37)

PRINCETON WATER & LIGHTING CO., Charles Hurst, Local Supt., 111 West Broadway St., Princeton, Ind. (Corp. M. Jan. '37)

PRINDLE, GEORGE B., Supt. of Water Works, 374 Oakland Drive, Highland Park, Ill. (Mar. '24)

PRINGLE, D. RHETT, Supt. of Water & Light Dept., Thomasville, Ga. (Sept. '24)

PRINGLE, H. L. (See Whitby Public Utility Commission)

PRINGLE, J. T., Supt., Stamford Water Works, 981 Drummond Road, Niagara Falls, Ont., Can. (Apr. '25)

PRIOR, JOHN C., Prof. of San. Eng., Brown Hall, Ohio State Univ., Columbus, Ohio (Oct. '26)

PRITCHARD, JOHN C., 5864 Cates Ave., St. Louis, Mo. (Feb. '26)

PRITCHETT, DAVID H., Supt., Munic. Light & Water Plant, Madisonville, Ky. (Apr. '38)

PROBST, HAROLD G., 115 Carlton Road, Syracuse, N. Y. (Oct. '37)

PROCTOR, EDWARD M., Cons. Engr., 177 Inglewood Drive, Toronto 5, Ont., Can. (May '21)

PROCTOR, RALPH R., Field Engr., Dept. of Water & Power, 207 South Broadway, Los Angeles, Calif. (Sept. '31)

PROKOFIEFF, S. T., San. Engr., Gwalior Government, Gwalior, India (Oct. '22)

PROPST, J. M., Independence Waterworks Co., 206 N. Liberty St., Independence, Mo. (Jan. '36)

PROVIDENCE DEPT. OF PUBLIC WORKS, Philip J. Holton, Jr., Public Works Office, City Hall, Providence, R. I. (Corp. M. Oct. '24)

PROVOST, ANDREW J., JR., Darien, Conn. (May '08)

PUBLIC SERVICE CO. OF INDIANA, G. J. Oglebay, 800 Traction Terminal Bldg., Indianapolis, Ind. (Corp. M. Feb. '10)

PUBLIC WORKS, Allied Arts Bldg., 310 E. 45th St., New York, N. Y. (Assoc. M. May '18)

PUCKHABER, FRED H., Sales Engr., 1119 Liberty Bank Bldg., Dallas, Tex. (Apr. '38)

PUENTE, MANUEL DE J., Elec. Engr., Hotel Nacional, Habana, Cuba (Jan. '36)

PURCELL, HUGH G., Mgr., Hugh G. Purcell Co., 304 Colman Bldg., Seattle, Wash. (Jan. '28)

PURCELL, LEE T., Analyst, No. Jersey Dist. Water Supply Comm., Wanaque, N. J. (Jan. '31)

PURITY SPRINGS WATER CO., INC., P. O. Box 30, Tampa, Fla. (Corp. M. July '35)

PUTNAM, JAMES W., Iron Works Mgr., John Lysaght, Ltd., Casilla Correo 329, Buenos Aires, Argentina (June '30)

PYLE, FRED D. (See San Diego Water Dept.)

QUANDT, CHARLES H., Quandt Pumping Station, P. O. Box 42, Torrance, Calif. (Jan. '36)

QUANDT, M. A., Supt., Water Dept., 517 Des Plaines Ave., Forest Park, Ill. (Jan. '36)

QUAYLE, L. A., Chief Engr., Dept. of Public Utilities, City Hall, Cleveland, Ohio (July '35)

QUIGLEY, LEWIS A., Supt., City Water Works, 3320 W. Berry, Fort Worth, Tex. (June '27)

QUIGLEY, T. T., San Engr., Pardee Engineering Co., 7350 Phillips Ave., Chicago, Ill. (Oct. '37)

QUILTY, PATRICK, Asst. Engr., Dept. of Water Supply, Gas & Electricity, 601 West 163rd St., New York, N. Y. (May '30)

QUIMBY, FRANK K., Constr. Engr., Racine Water Dept., City Hall, Racine, Wis. (July '30)

QUINCY WATER WORKS COMMISSION, W. R. Gelston, Jr., 314 Maine St., Quincy, Ill. (Corp. M. Apr. '27)

QUINN, JOHN J., Chemist, Knoxville Water Dept., 2915 McCalla Ave., Knoxville, Tenn. (May '30) *Director '36–'38.*

QUINNELL, FRED, Comm. of Public Works, Box 684, Roundup, Mont. (Feb. '22)

QUIRK, M. EDWARD, Asst. Supt., Water Dept., 38 Sutton St., Peabody, Mass. (Apr. '37)

RAAB, FRANK, Chemist & Bacteriologist, Fridley Filtration Plant, Minneapolis, Minn. (Oct. '21)

RABE, RALPH R., Vice-Pres. & Gen. Mgr., Buffalo Pipe & Foundry Corp., Box 23, Station B, Buffalo, N. Y. (Apr. '37)

RACE, JOSEPH, Devonshire Hospital, Buxton, England (May '14)

RADCLIFFE, JOHN L., Chemist, Elizabethtown Water Co., Consolidated, 535 Trotter Lane, Elizabeth, N. J. (Feb. '20)

RAINEY, CLARENCE M., Water Supt., 735 W. Bonneville St., Pocatello, Idaho (Nov. '27)

RAINWATER, J. E., Supt., Water Works, Cedartown, Ga. (Feb. '31)

RAMEY, H. P., Asst. Chief Engr., San. Dist. of Chicago, 910 S. Michigan Ave., Chicago, Ill. (June '27)

RAMSEY WATER WORKS, Clifford B. Brundage, Supt., Ramsey, N. J. (Corp. M. July '35)

RANDALL, C. C., Supt., Lincolnton Water Dept., Lincolnton, N. C. (July '37)

RANDALL, WILLIAM THOMAS, Neptune Meters, Ltd., 345 Soraurs Ave., Toronto, Ont., Can. (Jan. '38)

RANDLETT, FRED MORSE, Vice-Pres. & Gen. Mgr., Robert W. Hunt Co., 175 W. Jackson Blvd., Chicago, Ill. (June '20) *Trustee '25–'27.*

RAPP, WILLIAM M., Supt., Constr. & Distr., Atlanta Water Works, P. O. Box 584, Atlanta, Ga. (May '99) *Hon. Member '37.*

RATCLIFFE, R. C., Chief, Dept. of Public Works, City Hall, Grand Junction, Colo. (Jan. '37)

RATHBUN, LEWIS T. (See Livingston Municipal Water Dept.)

RATHERT, F. A., Supt. of Water Works, Junction City, Kan. (Oct. '28)

RAU, WILLIAM J., Supt. in Charge of Distr., Jamaica Water Supply Co., 161-20 89th Ave., Jamaica, N. Y. (Jan. '36)

RAUSCHER, FOREST L., 904 W. Greene St., Piqua, Ohio (July '35)

RAWN, A. M., Asst. Chief Engr., Los Angeles County Sanitation Dist., 110 S. Broadway, Los Angeles, Calif. (Oct. '34)

READ, A. W., Water Dept., Bangor, Me. (July '35)

READ, C. S. (See Tuscaloosa, City of)

READ, GEO., Meter & Service Supt., Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Sept. '29)

READ, MILES H., Asst. Engr., Simplex Valve & Meter Co., 68th & Upland Sts., Philadelphia, Pa. (Apr. '30)

READER, R. C., Filter Operator, Bonita, Calif. (Jan. '38)

READING BUREAU OF WATER, A. R. O'Reilly, Chief Engr., 209 City Hall, Reading, Pa. (Corp. M. Mar. '16)

REAGER, JOHN J., Asst. Supt., Perth Amboy Water Works, City Hall, Perth Amboy, N. J. (Jan. '37)

REBSAMEN, LLOYD M., Mgr., City Water & Light Plant, Jonesboro, Ark. (Jan. '34)

REDFERN, W. BLAINE, James, Proctor & Redfern, 1004 Exchange Life Bldg., 36 Toronto St., Toronto 2, Ont., Can. (Nov. '19)

REDLANDS CITY WATER DEPT., A. J. Weld, Mgr., City Hall, Redlands, Calif. (Corp. M. Oct. '37)

REED, CLARENCE H., Asst. San. Engr., Metropolitan Water Works, Framingham, Mass. (May '30)

REED, JOHN K., Div. Supt., Div. Maint. & Reading, Dept. of Munic. Water & Light, Coldbrook & Monroe Sts., Grand Rapids, Mich. (July '38)

REEP, E. P., Chemist, Water Works Dept., Girard, Ohio (July '35)

REFINITE CO., THE, 1023 Harney St., Omaha, Neb. (Assoc. M. Apr. '32)

REGESTER, ROBERT T., 401 Gittings Ave., Cedarcroft, Baltimore, Md. (July '35)

Regina Water Works Dept., J. W. D. Farrell, Supt., City Hall, Regina, Sask., Can. (Corp. M. Apr. '24)

Reichardt, H. G., Supt., City Water Dept., Watertown, Wis. (Oct. '31)

Reid, W. M., Supt. Water Supply, P. O. Box 114, Canton, Miss. (Jan. '38)

Reilly, Raymond T., Hyd. & San. Engr., 20 N. Wacker Drive, Chicago, Ill. (July '35)

Reilly Tar & Chemical Corp., William Higburg, 1615 Merchants Bank Bldg., Indianapolis, Ind. (Assoc. M. Jan. '36)

Reinhardt, Harry, Vice-Pres., California Water & Telephone Co., 485 California St., San Francisco, Calif. (Apr. '31)

Reinicker, L. T., Vice-Pres., Delaware Valley Utilities Co., Oxford, Pa. (June '29)

Reinke, Edward A., Sr. San. Engr., Bur. of San. Eng., State Dept. of Public Health, 3093 Life Sciences Bldg., Berkeley, Calif. (Nov. '23)

Reliable Iron Foundry, 1583 Fishburn St., Los Angeles, Calif. (Assoc. M. July '34)

Remington Rand, Inc., H. J. Johnson, Sales Mgr., Public Utilities Dept., 465 Washington St., Buffalo, N. Y. (Assoc. M. Apr. '37)

Renshaw, William C., Asst. Engr., Water Dept., 425 Mason St., San Francisco, Calif. (Nov. '33)

Rensselaer Valve Co., Troy, N. Y. (Assoc. M. May '90)

Republic Steel Co., L. S. Hamaker, Mgr., Sales Promotion Div., Republic Bldg., Youngstown, O. (Assoc. M. Apr. '32)

Requardt, Gustav J., Whitman, Requardt & Smith, Engrs., West Biddle St. at Charles, Baltimore, Md. (May '23)

Revere Copper & Brass, Inc., 230 Park Ave., New York, N. Y. (Assoc. M. Aug. '28)

Reynolds, Abel, Treas., New England Water, Light & Power Associates, 833 Hospital Trust Bldg., Providence, R. I. (July '29)

Reynolds, Albert H., Chief Chemist, Dearborn Labs., 1029 W. 35th St., Chicago, Ill. (Dec. '29)

Reynolds, Frank H., 403 Volunteer Bldg., Atlanta, Ga. (July '35)

Reynolds, James H., Asst. Supt., Lowell Water Works, City Hall, Lowell, Mass. (Jan. '36)

Reynolds, Leon B., Prof. Hyd. & San. Eng., Box 1826, Stanford Univ. Calif. (Nov. '28)

Reynolds Mfg. Co., L. L. Keough, Gulf States Bldg., P. O. Box 1048, Dallas, Tex. (Assoc. M. Oct. '35)

Reynolds, Otto S., Water Works Engr., 5116 Garfield Ave., Kansas City, Mo. (Aug. '27)

Reynolds, Ralph W., Supt., West Palm Beach Water Co., Drawer B-25, West Palm Beach, Fla. (Nov. '26)

Rhoads, A. L., Supt., W. Va. Water Service Co., Bluefield, W. Va. (May '26)

Rhodes, Fred, Dir. of Public Works, San Diego, Calif. (Oct. '34)

Rhyne, C. E., Supt. of Water Works, Gastonia, N. C. (Jan. '22)

Rhynus, C. P., Box 1973, Orlando, Fla. (May '12)

Rice, B. P., San. Engr., State Board of Health, Columbia, S. C. (Apr. '37)

Rice, Homer D., Mgr., Buffalo Div. New York Fire Insurance Rating Organization, 840 Marine Trust Bldg., Buffalo, N. Y. (Apr. '37)

RICE, HUGH B., Supt. of Public Works, P. O. Box 775, Lexington, Va. (June '34)
RICE, OWEN, Hall Labs., Inc., 300 Ross St., Pittsburgh, Pa. (Apr. '37)
RICE, P. D., Div. Mgr., California Water & Telephone Co., P. O. Box 1, National City, Calif. (Nov. '26)
RICH MFG. CO., LTD., E. F. Alt, Sales Mgr., 3851 Santa Fe Ave., Los Angeles, Calif. (Assoc. M. Sept. '27)
RICHARDS, C. H. (See Hillside Distribution Co.)
RICHARDS, E. D., Mgr., Valley Water Co., P. O. Box 56, La Canada, Calif. (July '36)
RICHARDS, H. H., Supt., Industrial Chemical Sales Div., West Virginia Pulp & Paper Co., No. 1 Chemical Plant, Piedmont, W. Va. (Jan. '37)
RICHARDSON, CHARLES G., Sales Mgr., Builders Iron Foundry, Providence, R. I. (July '20)
RICHARDSON, J. C., Supt. & Chief Chemist, Saginaw Filter Plant, Saginaw, Mich. (May '30)
RICHARDT, ANDREW C. (See Evansville Dept. of Water Works)
RICHETTA, J. D., Asst. Engr., State Board of Health, 201 State House Annex, Indianapolis, Ind. (Jan. '37)
RICHHEIMER, CHARLES E., Cons. Engr., 1604 Lynch Bldg., Jacksonville, Fla. (Jan. '37)
RICKARD, GROVER E., Engr., in Charge of Filtration, City Water Works, 11 City Hall, Burlington, Vt. (June '26)
RIDDELL, C. C., Supt., City Water Works, Raton, N. M. (July '35)
RIDDLE, (MRS.) MARY A. L., Water Chemist, Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (July '37)
RIDDICK, THOMAS M., Cons. Engr. & Chemist, 369 E. 149th St., New York, N. Y. (Oct. '34)
RIDENOUR, RALPH O., Jr. Civil Engr., 1039 Redondo Blvd., Los Angeles, Calif. (Apr. '38)
RIDENOUR, W. E., Chief Chemist, The Bird Archer Co., 4337 N. American St., Philadelphia, Pa. (Dec. '28)
RIDGELY, RAYMOND G., Vice-Pres., Pinellas Water Co., P. O. Box 2308, St. Petersburg, Fla. (Oct. '30)
RIEDEL, CARL MARTIN, C.E., Designing Engr., 8020 Paxton Ave., Chicago, Ill. (June '33)
RIGGS, ROBERT L., City Engr., Box 5294, Daytona Beach, Fla. (Apr. '38)
RINEHART, R. R. (*See* Waitsburg, City of)
RINTOUL, B., Supt., Bin M. M., Taft, Calif. (Oct. '37)
RIORDAN, JOHN E., Supt. of Filtration, 150 Main St., Norwalk, Conn. (Oct. '37)
RIPPLE, OLIVER J., Supt., Marston Lake, North Side Filter Plant, R. F. D. No. 2, Littleton, Colo. (Jan. '30)
RITCH, PAUL E., Asst. Civil Engr., Los Angeles Dept. of Water & Power Independence, Calif. (Oct. '34)
RITCHIE, D. W., Supt., Sheffield Water Co., Sheffield, Pa. (July '35)
RITCHIE, E. G., 5, Lynedoch Ave., E. St. Kilda, S. 2, Melbourne, Australia (Sept. '12)
RIVERSIDE WATER DEPT., R. L. Boulden, Riverside, Calif. (Corp. M. July '26)
ROBBINS, EVERITT, Supt., Dept. of Water Works, 55 N. First St., Scottsburg, Ind. (July '37)

ROBBINS, FRANKLIN H., Designing Engr., Board of Water Supply, 346 Broadway, New York, N. Y. (Apr. '30)

ROBBINS, W. D., City Mgr., City Hall, Niagara Falls, N. Y. (Feb. '26)

ROBERTS, A. J. (See Helena, City of)

ROBERTS, ALFRED M., Pres., Wanakah Water Co., R. D. No. 3, Hamburg, N. Y. (July '25)

ROBERTS, E. FRED, E. F. Roberts & Co., Brantford, Ont., Can. (Jan. '38)

ROBERTS, F. C., JR., State San. Engr., State Board of Health, Phoenix, Ariz. (July '35)

ROBERTS FILTER MFG. CO., Darby, Philadelphia, Pa. (Assoc. M. Mar. '10)

ROBERTS, H. G., Dist. Mgr., Rensselaer Valve Co., 411 Sharon Bldg., San Francisco, Calif. (Oct. '37)

ROBERTS, JAMES MORAN, City Engr., P. O. Box 185, Dublin, Ga. (Apr. '38)

ROBERTS, JOHN S., JR., Borough Engr., Bristol, Pa. (June '20)

ROBERTS, WILLIAM H., Comnr. of Public Works, 54 Court St., Rochester, N. Y. (Apr. '38)

ROBERTSON, G. E. (See Preston Light & Water Comm.)

ROBINSON, DELBERT W., Water Works Engr., Community Public Service Co., Fort Worth, Tex. (Apr. '27)

ROBINSON, HAMILTON E., City Engr., City Hall, Huntington Park, Calif. (Jan. '36)

ROBINSON, J. ALBERT M., Cons. Engr., 228 N. La Salle St., Chicago, Ill. (Oct. '31)

ROBINSON, J. W., Gen. Mgr., County Water Dist., 216 N. Church St., Pico, Calif. (Apr. '36)

ROBINSON, LEONARD C., Supt., Water & Sewer Dept., Concord, Mass. (July '07)

ROBINSON, WM. E., Water Works Engr., City Hall, Calgary, Alberta, Can. (Feb. '30)

ROBLES, GONZALO, Ing., Banco Nacional Hipotecario Urbano y de Obras Publicas, S. A., Ave. Madero 32, Mexico City, Mexico (June '27)

ROCCA, AGOSTINO, Societa Finanziaria Industriale Italiana, Corso Del Littorio, 2, Milano, Italy (Sept. '31)

ROCKFELLOW, D. E., Chief Draftsman, Bur. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif. (Oct. '29)

ROCKWELL, WILLARD F., Cons. Engr., 400 No. Lexington Ave., Pittsburgh, Pa. (Feb. '28)

ROD, MONS, City Water Supt., Kent, Wash. (Apr. '36)

RODEN, CARL C., Representing James B. Clow & Sons, 2-269 General Motors Bldg., Detroit, Mich. (Jan. '38)

ROE, FRANK C., San. Engr., The Carborundum Co., Niagara Falls, N. Y. (Jan. '35)

ROGERS, H. D. (See Gananoque Water Works Commission)

ROGERS, M. W., Engr., Public Utility Comm., Box 387, Carleton Place, Ont., Can. (Mar. '27)

ROGERS, T. M., Easley, S. C. (July '35)

ROHAN, GEORGE J., Supt., Water Works, Municipal Bldg., Waco, Tex. (Jan. '35)

ROME BUREAU OF WATER, C. E. Rosenburgh, City Hall, Rome, N. Y. (Corp. M. Apr. '22)

ROME, ROBERT, Asst. City Engr., 5891 Alma Road, Vancouver, B. C., Can. (Dec. '30)

ROMIG, F. V., Mgr., Beall Pipe & Tank Corp., 1945 N. Columbia Blvd., Portland, Ore. (Jan. '35)

ROOS, CHARLES M., Vice-Pres. & Mgr., The Cairo Water Co., Cairo, Ill. (May '13)

ROPER, ROSWELL M., Engr. & Gen. Mgr., Board of Water Commissioners, East Orange, N. J. (May '19)

ROSENBURGH, C. E. (See Rome Bureau of Water)

ROSENTHAL, HELMAN, Dir., Dallas Labs., 2411 So. Harwood St., Dallas, Tex. (June '18)

ROSS, A. W., Vice-Pres., Layne New York Co., 246 Upper Mountain Ave., Upper Montclair, N. J. (Jan. '36)

ROSS VALVE MFG. CO., INC., Oakwood Ave., Troy, N. Y. (Assoc. M. Apr. '91)

ROTHMAN, EDWIN, Wallace & Tiernan Co., Inc., R. F. D. No. 3, Bridgeport, Conn. (July '35)

ROUTLEDGE, GEORGE GRAHAM, Supt., Water Distr. Section, 332 St. Clair Ave., E., Toronto, Ont., Can. (Mar. '19)

ROUX, MAURICE G., Vice-Pres., Bonna Pipe Co., 40-13th St., Brooklyn, N. Y. (May '33)

ROWE, E. J., Supt., Water & Light Dept., Wellsville, N. Y. (June '21)

ROWE, JAMES C., Filter Operator, Saratoga Springs Water Works, 81 Lake Ave., Saratoga Springs, N. Y. (Apr. '36)

ROWLEY, EVERETT C., Asst. Engr., Long Island Water Corp., 337 Merrick Road, Lynbrook, L. I., N. Y. (Feb. '34)

ROWLEY, R. W., Tech. Sales Representative, Cliffs Dow Chemical Co., Marquette, Mich. (July '37)

ROYER, R. STUART, Cons. Engr., 207 Exchange Bldg., Richmond, Va. (Oct. '37)

RUBIO CANON LAND & WATER ASSOCIATION, J. H. Scranton, Gen. Mgr., 575 Sacramento St., Altadena, Calif. (Corp. M. Oct. '30)

RUBLE, R. O., Civil Engr., 23rd & Merriam Road, Kansas City, Kan. (Jan. '36)

RUCKMAN, CHAS. L., Asst. Supt., Meter & Service Div., Dept. of Water & Power, Box 240, Arcade Annex, Los Angeles, Calif. (Dec. '32)

RUDD, E. IRVINE, Chief Engr., Public Utilities Comm., State Office Bldg., Hartford, Conn. (Jan. '38)

RUDD, W. C., Engr., Water System-Constr., Dept. of Water Supply, 706 Water Board Bldg., Detroit, Mich. (June '23)

RUDDEROW, MAURICE B., Mgr., Merchantville-Pensauken Water Co., 13 W. Maple Ave., Merchantville, N. J. (June '14)

RUDOLFS, WILLEM, New Jersey Agricultural Experiment Station, Short Course Bldg., New Brunswick, N. J. (Oct. '35)

RUDSER, (MRS.) MARGUERITE S., Lab. Asst., Dept. of Water & Power, Box 240, Arcade Annex, Los Angeles, Calif. (Oct. '35)

RUEHL, EDWARD H., 902 Travelers Bldg., Richmond, Va. (July '35)

RUIZ, CARLOS B., Designing Div., Banco Nacional Hipotecario Urbano y de Obras Publicas, Oxford No. 24-C, Mexico City, Mexico (Feb. '33)

RUMBERGER, C. A., Supt., Citizens Water Service Co., 207 Spruce St., Philipsburg, Pa. (Sept. '31)

RUNELS, RALPH E., Supt., Lowell Water Works, City Hall, Lowell, Mass. (Jan. '36)

RUNYON, FREDERICK O., Cons. Engr., Runyon & Carey, 33 Fulton St., Newark, N. J. (Apr. '36)

RUNYON, GEORGE O., Draftsman, Bur. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif. (Apr. '38)

RUPARD, HOMER, Prin. Asst. Engr., Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Apr. '30)

RUPP, DANIEL H., Water Dept., City Hall, Topeka, Kan. (Oct. '22)

RUSSELL, ALEXANDER, 204 Triangle Bldg., Rochester, N. Y. (Sept. '27)

RUSSELL, D. A., Chief Chemist, Youngstown Sheet & Tube Co., Youngstown, Ohio (May '24)

RUSSELL, J. A., Mgr., Dauphin Consolidated Water Supply Co., 15 N. 32nd St., Philadelphia, Pa. (July '35)

RUSSELL, J. P., Editor, "Engineering & Contract Record," 347 Adelaide St., W., Toronto 2, Ont., Can. (Jan. '34)

RUSSELL, M. J., Draftsman, Bur. of Water Works & Supply, Box 240, Arcade Annex, Los Angeles, Calif. (Apr. '36)

RUSSELL, NORMAN F. S., Pres., United States Pipe & Foundry Co., Drawer 306, Burlington, N. J. (Dec. '15)

RUSSELL, WILLIAM J., Supt. of Water Dept., Benton Harbor, Mich. (Jan. '38)

RUTLEDGE, E. A., Rensselaer Valve Co., Troy, N. Y. (Oct. '29)

RYAN, GERALD D., 1017 Gregg St., Columbia, S. C. (July '35)

RYLE, JOHN, Supt., Passaic Dist., Passaic Valley Water Comm., 145 Prospect St., Passaic, N. J. (Dec. '19)

RYNDERS, ARTHUR, Mech. Engr., City Engineer's Office, City Hall, Milwaukee, Wis. (July '37)

SACRAMENTO DIVISION OF WATER, R. E. Mittelstaedt, Supt., Sacramento, Calif. (Corp. M. Apr. '32)

SAFAY, FRED A., Dir., Bur. of Sanitation, State Board of Health, Jacksonville, Fla. (July '37)

SAFFORD, ARTHUR T., Engr., Proprietors Locks & Canals, 66 Broadway, Lowell, Mass. (Feb. '21)

SAINDON, HOMER C., Radnor Water Co., Inc., 2229 Nolensville Road, Nashville, Tenn. (July '35)

SAINE, L. P., Repr., Central Foundry Co., 4511 French Ave., Jacksonville, Fla. (July '38)

ST. MARYS PUBLIC UTILITIES COMMISSION, Wm. McKee, St. Marys, Ont., Can. (Corp. M. Nov. '19)

ST. PAUL BOARD OF WATER COMMISSIONERS, Herman C. Wenzel, Comm. of Public Utilities, St. Paul, Minn. (Corp. M. Apr. '29)

ST. THOMAS, CITY OF, A. F. McLachlin, F. C. I. C., Ross St., St. Thomas, Ont., Can. (Corp. M. Apr. '09)

SALINA WATER DEPT., H. L. Brown, Supt., Salina, Kan. (Corp. M. Feb. '27)

SALOMON, L. A., & BRO., 216 Pearl St., New York, N. Y. (Assoc. M. Oct. '34)

SALTER, FITZGERALD, Supt. of Water, Montgomery, Ala. (July '38)

SALT LAKE CITY WATER DEPT., H. K. Burton, Supt., Salt Lake City, Utah (Corp. M. Feb. '20)

SAMPAIO, GERALDO FERREIRA, San. Engr., Caixa Postal 1631, Rio de Janeiro, Brazil (May '30)

SAMUEL, T. D., JR., Chief Engr. & Supt. Water Dept., City Hall, Kansas City, Mo. (Oct. '28)

SAN BERNARDINO BOARD OF WATER COMMISSIONERS, Bard Livingstone, Supt., 416 Third St., San Bernardino, Calif. (Corp. M. Nov. '33)

SANBORN, JAMES F., Cons. Engr., 30 Church St., New York, N. Y. (Aug. '21)

SANCHIS, JOSEPH M., c/o American Consulate, Caracas, Venezuela, S. A. (Oct. '34)

SANDBACH, HAROLD, Supt., Water Dept., Gary Heat, Light & Water Co., 5th & Broadway, Gary, Ind. (July '35)

SANDERS, V. G., Civil Engr., Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Nov. '31)

SANDERSON, A. U., Chief Engr. of Water Supply, Dept. of Works, City Hall, Toronto, Ont., Can. (June '20) *Director '32–'34.*

SAN DIEGO WATER DEPT., Fred D. Pyle, Hyd. Engr., 524 F St., San Diego, Calif. (Corp. M. Jan. '35)

SANDQUIST, EMIL, 922 11th Ave., Helena, Mont. (Jan. '27) *Director '34–'36.*

SAN FERNANDO WATER DEPT., Harry E. Waite, Supt., City Hall, San Fernando, Calif. (Corp. M. Jan. '36)

SAN FRANCISCO WATER DEPT., N. A. Eckart, Gen. Mgr. & Chief Engr., 425 Mason St., San Francisco, Calif. (Corp. M. Nov. '33)

SANGDAHL, GEO. S., Mgr., Cleveland Office, Chicago Bridge & Iron Works, 654 Rockefeller Bldg., Cleveland, O. (Apr. '36)

SAN JOSE WATER WORKS, H. S. Kittredge, Pres., 374 W. Santa Clara St., San Jose, Calif. (Corp. M. Apr. '13)

SANTA ANA VALLEY IRRIGATION CO., L. E. Blakeley, Chief Engr., 154 North Glassell St., Orange, Calif. (Corp. M. Apr. 38)

SANTA ANA WATER DEPT., Joseph P. Smith, Water Comm., City Hall, Santa Ana, Calif. (Corp. M. Oct. '37)

SANTA BARBARA, CITY OF, Water Dept., City Hall, Santa Barbara, Calif. (Corp. M. Oct. '37)

SANTA MONICA, CITY OF, W. W. Milliken, Comm. of Public Works, City Hall, Santa Monica, Calif. (Corp. M. June '26)

SARGENT, GEORGE HENRY, City Engr., La Grange, Ga. (Dec. '29)

SAUNDERS, DANIEL J., Mgr. of Industrial Sales, The Permutit Co., 330 W. 42nd St., New York, N. Y. (Apr. '37)

SAUNDERS, WILLAM K., Co-Partner, Couse & Saunders Gen'l. Contractors, 415 Brainard St., Detroit, Mich. (May '30)

SAVILLE, CALEB MILLS, Mgr. & Chief Engr., Water Works, 53 N. Beacon St., Hartford, Conn. (Mar. '16)

SAVILLE, CLEMENT (See Kapuskasing, Corporation of Town of)

SAVILLE, THORNDIKE, Prof. of Hyd. & San. Eng., New York Univ., Box 65, University Heights, New York, N. Y. (Aug. '20)

SAWYER, ROBERT W., Asst. Engr. with Malcolm Pirnie, 25 W. 43rd St., New York, N. Y. (Oct. '32)

SCARBOROUGH PUBLIC UTILITIES COMMISSION, Ronald Harrison, Mgr. & Sect.-Treas., 1666 Kingston Rd., Toronto 13, Ont., Can. (Corp. M. Jan. '35)

SCARRITT, ELWOOD W., Chief Chemist, Elgin Softener Corp., 57 North St., Elgin, Ill. (Dec. '28)

SCHAEFER, F. ALBERT, 711 E. Market St., New Albany, Ind. (July '35)

SCHAEFER, WALTER A., San. Engr., 38 Prince St., Elizabeth, N. J. (Jan. '37)

SCHAEFFER, JOSEPH G., San. Engr., Dept. of Public Health, Parliament Bldgs., Regina, Sask., Can. (Jan. '37)

SCHARFF, MAURICE R., Cons. Engr., 1 Wall St., New York, N. Y. (Jan. '26)

SCHAUT, GEORGE G., Chief Chemist, Bur. of Water, Belmont Ave. & Ford Rd., Philadelphia, Pa. (Oct. '22)

SCHENECTADY, CITY OF, John H. Burwell, Engr., Div. of Water, 102 City Hall, Schenectady, N. Y. (Corp. M. July '37)

SCHIVEREA, W. J., Borough Engr., Municipal Bldg., Freehold, N. J. (Oct. '35)

SCHLICHT, JOHN C., Supt. of Pipe System, Hackensack Water Co., 624 Park Ave., Weehawken, N. J. (June '26)

SCHMIDT, HOWARD D., San. Engr., State Dept. of Health, Nashville, Tenn. (Apr. '36)

SCHMIT, JOS. M., City Engr. & Water Works Supt., P. O. Box 931, Lewistown, Mont. (Apr. '26) *Director '37–'39.*

SCHNABEL, WM. R. (See Allentown Bureau of Water)

SCHNEIDER, Alfred, Box 495, Elkader, Iowa (July '35)

SCHNEIDER, H. J., Supt. of Filtration, 1746 Doty St., Oshkosh, Wis. (June '31)

SCHNEIDER, WILLIAM H., Chemist in Charge, Filtration Plant, Fremont, O. (Oct. '30)

SCHOCH, E. P., Prof. of Chemistry, Univ. of Texas, Austin, Tex. (Jan. '35)

SCHOENFELD, HERMANN J., Eng. Consultant, 65 Eighth St., New Rochelle, N. Y. (Jan. '36)

SCHOEPFLE, O. F., Chemist, Filtration Plant, 908 Vine St., Sandusky, O. (May '30)

SCHOLL, CHARLES E., Supt., Newcastle Water & Light Plant, 408 N. 16th St., Newcastle, Ind. (Apr. '29)

SCHOOLCRAFT, DAN, Water Works Engr., Muscatatuck Colony, Butlerville, Ind. (Affil. Apr. '38)

SCHOONMAKER, GEORGE N., Chief Engr., Water Dept., Toledo, O. (Aug. '21)

SCHROEDER, E. C., Mgr., Water Works Plant, 617 N. 10th St., Manitowoc, Wis. (Aug. '24)

SCHROEDER, WILLIAM (See Lincoln City Water & Light Department)

SCHUCK, H. W., Supt. of Water Dept., 804 Bayswater Ave., Burlingame, Calif. (June '27)

SCHULMEYER, C. W., State Board of Health, 201 State House Annex, Indianapolis, Ind. (July '37)

SCHUMPERT, HOMER W., Supt., Water, Light & Sewer Depts., P. O. Box 333, Newberry, S. C. (Aug. '25)

SCHUNKE, G. B., Utility Accountant, 323 County City Bldg., Seattle, Wash. (Jan. '29)

SCHWABE, WALTER P., Thompsonville Water Co., 15 Central St., Thompsonville, Conn. (Nov. '14)

SCHWADA, J. P., City Engr., Milwaukee, Wis. (May '24)

SCHWARTZ, JACOB, Attorney at Law, 24 Commerce St., Newark, N. J. (Jan. '36)

SCHWARTZ, M. C., Research Chemist, Louisiana Steam Generating Corp., Baton Rouge, La. (Apr. '38)

SCHWARTZ, M. H., Supt. & Gen'l Mgr., Vincennes Water Dept., Box 28, Vincennes, Ind. (June '29)

SCHWARTZ, WILLIAM J., Controller, Hackensack Water Co., 624 Park Ave., Weehawken, N. J. (Aug. '32)

SCHWARZ, EUGENE, Supt., City Water Dept., Rochester, Minn. (June '27)

SCHWIER, ELMER C., Auditor, Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind. (Dec. '24)

SCHWIER, HARRY, Mgr., Batesville Water Works, Batesville, Ind. (July '35)

SCOTT, C. C., Dist. Sales Mgr., Worthington Pump & Machinery Corp., 707 Iroquois Bldg., Buffalo, N. Y. (July '37)

SCOTT, GUY R., San Engr., T. V. A., 109 Woodlawn Drive, Chattanooga, Tenn. (Oct. '37)

SCOTT, JOSEPH E., Water Dept., Village Hall, South Orange, N. J. (Jan. '37)

SCOTT, L. H., Filtration Engr., Water Dept., 3415 W. 22nd St., Oklahoma City, Okla. (Jan. '36)

SCOTT, OSWALD H. (See Belleville Public Utilities Commission)

SCOTT, ROSSITER S., M. E., Cons. Engr., 112 Park Ave., New York, N. Y. (Mar. '22)

SCOTT, WALTER M., Ch. of Commissioners, Greater Winnepeg Water Dist., New Civic Offices, Winnipeg, Man., Can. (Mar. '14)

SCOTT, WALTER M., San. Engr., Westchester Co. Dept. of Health, 145 South Ave., Mount Vernon, N. Y. (Apr. '38)

SCOTT, WARREN J., Dir., Bur. of San. Eng., State Dept. of Health, Hartford, Conn. (Oct. '22)

SCOVILLE, C. M., Sect., Corona City Water Co., 707 Main St., Corona, Calif. (Jan. '35)

SCRANTON, J. H. (See Rubio Canon Land & Water Association)

SCRANTON-SPRING BROOK WATER SERVICE CO., 135 Jefferson Ave., Scranton, Pa. (Corp. M. June '12)

SEABERG, GROVER E., Service Engr., Pittsburgh Equitable Meter Co., Pittsburgh, Pa. (Oct. '34)

SEABURY, GEORGE T., Sect., American Society of Civil Engineers, 33 W. 39th St., New York, N. Y. (June '30)

SEAMAN, HENRY, Champion Fibre Co., Canton, N. C. (July '35)

SEAMAN, M. (See Greeley, City of)

SEATON, IRA W., Supt., Uniontown Water Co., 5 Penn St., Uniontown, Pa. (July '35)

SEATTLE WATER DEPT., Joseph A. Whetstone, Supt., County City Bldg., Room 323, Seattle, Wash. (Corp. M. July '28)

SEAY, J. I., Pres., Layne Central Co., Memphis, Tenn. (July '38)

SEEHOLZER, BERT, JR., Hydraulic Development Corp., 50 Church St., New York, N. Y. (July '35)

SEERY, FRANCIS J., Prof. of Hyd. Eng., Cornell Univ., 504 University Ave., Ithaca, N. Y. (Nov. '19)

SEGERSTROM, ERIC J., Riverbank Water Co., Sonora, Calif. (July '37)

SEIBERT, U. J., Chemist, Filter Plant, 218–22nd Ave., N., St. Cloud, Minn. (Oct. '31)

SEIFERT, WILLIAM P., Cons. Engr., Nicholas S. Hill Associates, 112 E. 19th St., New York, N. Y. (Jan. '36)

SEIGEL, ROY C., International Chimney Co., 503 Ellicott Square Bldg., Buffalo, N. Y. (July '37)

SELF, JOSEPH B., SR., Chief Engr., Muncie Water Works, R. F. D. A5, Box 28, Muncie, Ind. (Jan '38)

SELIGMAN, FELIX, Mgr., Water & Light Dept., 414 W. First St., Duluth, Minn. (June '24)

SEMMES, OLIVER J., JR., City Engr., Pensacola, Fla. (Apr. '37)

SENECA FALLS WATER DEPT., S. W. Pratt, Supt., 136 Fall St., Seneca Falls, N. Y. (Corp. M. Apr. '37)

SENIOR, SAMUEL PALMER, Pres. & Engr., Bridgeport Hydraulic Co., Bridgeport, Conn. (July '06)

SETTE, FRANCIS J., 4701 Connecticut Ave., N. W., Apt. 502, Washington, D. C. (July '34)

SETTLE, J. E., Cons. Hyd. & San. Engr., 806 Kanawha Banking & Trust Bldg., Charleston, W. Va. (Jan. '36)

SEUFER, PAUL E., Asst. Public Health Engr., State Dept. of Health, Alaska Bldg., Seattle, Wash. (Apr. '37)

SEWICKLEY COMMISSIONERS OF WATER WORKS, J. S. Besterman, Supt., Municipal Bldg., Sewickley, Pa. (Corp. M. July '35)

SHANEMAN, FRED C., Mgr., Pennsylvania Salt Mfg. Co. of Wash., P. O. Box 1215, Tacoma, Wash. (Jan. '28)

SHANK, JOHN J., Chemist & Bacteriologist, Wayne Labs., 17 E. Main St., Waynesboro, Pa. (May '30)

SHANLEY, A. A., Mgr., Crane Co., P. O. Box 751, Great Falls, Mont. (Apr. '38)

SHAPIRO, ROBERT, Bacteriologist, 73 Eastern Parkway, Brooklyn, N. Y. (July '35)

SHARON, JOHN J., San Francisco Water Dept., 380 Urbano Drive, San Francisco, Calif. (Feb. '20)

SHARP, A. S., Mgr. & Sect., Leadville Water Co., 719 Harrison Ave., Leadville, Colo. (Mar. '26)

SHAW, ARTHUR L., Cons. Engr., Metcalf & Eddy, 1300 Statler Bldg., Boston, Mass. (May '31)

SHAW, FRANK R., San. Engr., U. S. Public Health Service, 816 New Post Office Bldg., Chicago, Ill. (June '28)

SHAW, JESSE, Supt., City Water Dept., City Hall, Tyler, Tex. (May '35) *Hon. Member '35.*

SHAW, PERCY A., Engr. & Supt. of Water Works, Old Court House, Manchester, N. H. (June '34)

SHAW, RALPH M., JR., Mfg. Agent & Cons. Engr., 1040 Ins. Co. of N. A. Bldg., Philadelphia, Pa. (Jan. '38)

SHAW, WALTER A., Member, Board of Supervising Engrs., 1509 Farwell Ave., Chicago, Ill. (July '06)

SHAWVER, G. B., Supt., Plant Constr. & Operation, The Tennessee Electric Power Co., Chattanooga, Tenn. (Apr. '30)

SHEA, JOHN J., Supt. of Public Works, Frankfort, N. Y. (Apr. '38)

SHEBOYGAN BOARD OF WATER COMMISSIONERS, Arthur H. Miller, Supt., Sheboygan, Wis. (Corp. M. June '20) *Director '38, '39–.*

SHED, JOSEPH L., Supt., Western New York Water Co., 11 Niagara St., Buffalo, N. Y. (Apr. '37)

SHEEN, ROBERT T., Tech. Dir., 222 Harrison Ave., Glenside, Pa. (Jan. '38)

SHELT CO., THE, John B. Morrison, Sect., 739 Baldwin St., Elmira, N. Y. (Assoc. M. Apr. '37)

SHENANGO VALLEY WATER CO., A. R. Girdwood, Box 542, Sharon, Pa. (Corp. M. Apr. '22)

SHENINGER, WILLIAM A., Supt. Water Dept., Corner N & E Blvds., Alpha, N. J. (Apr. '38)

SHENKER, SAMUEL, 794½ Seymour Ave., Columbus, O. (July '35)

SHEPARD, GEORGE, City Engr., St. Paul, Minn. (Apr. '33)

SHERMAN, ARTHUR L., 921 Bergen Ave., Jersey City, N. J. (Feb. '24)

SHERMAN, CHARLES W., Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (May '14)

SHERMAN, LE ROY K., Cons. Engr., 1504 Monadnock Block, 53 W. Jackson Blvd., Chicago, Ill. (Sept. '24)

SHERRILL-KENWOOD WATER COMMISSION, Stephen R. Leonard, Ch., Kenwood, Oneida, N. Y. (Corp. M. Apr. '21)

SHERRILL, T. R., Supt., Water Dept., Mooresville, N. C. (Oct. '37)

SHERWOOD, HERBERT P., Sales Engr., 210 So. Clark St., Chicago, Ill. (Apr. '38)

SHEWBRIDGE, WELFORD H., Asst. Engr., State Dept. of Health, 2422 W. Main St., Richmond, Va. (Jan. '37)

SHIFLETT, HERMAN L., American Water Works & Electric Co., Inc., 50 Broad St., New York, N. Y. (May '30)

SHNIDMAN, LOUIS, Lab. Dir. Rochester Gas & Electric Corp., 89 East Ave., Rochester, N. Y. (Mar. '29)

SHOEMAKER, MILTON J., Chem. Engr., C. F. Burgess Labs., Inc., 1015 E. Washington Ave., Madison, Wis. (May '33)

SHONERD, R. E., Chief Mech. Engr., 1006 Hall of Records, Los Angeles, Calif. (June '28)

SHOWELL, E. B., JR., E. I. Dupont de Nemours & Co., Station B, Buffalo, N. Y. (Nov. '25)

SHREVE, G. F. (See Oshawa Public Utilities Commission)

SHUFF, EVANS L., Engr. & Sales Agency, 724 First Nat'l Bank Bldg., Atlanta, Ga. (Apr. '38)

SHULDENER, HENRY L., 423 W. 126th St., New York, N. Y. (May '30)

SHULL, ALBERT B., Water Treatment Plant Operator, Dept. of Water & Power, 2488 Coolidge Ave., West Los Angeles, Calif. (Apr. '33)

SHUMER, DONALD E., Chief Filter Operator, 92 S. Linwood Ave., Norwalk, O. (July '37)

SIERRA PACIFIC POWER CO., Geo. A. Campbell, Pres., Reno, Nev. (Corp. M. Feb. '13)

SIGNOR, C. V., Water Supt., Grants Pass, Ore. (Apr. '36)

SIGWORTH, E. A., Chemist & Technician, Industrial Chem. Sales, West Virginia Pulp & Paper Co., 230 Park Ave., New York, N. Y. (Jan. '37)

SILVER CREEK WATER WORKS, J. K. Brotz, Asst. Foreman, Silver Creek, N. Y. (Corp. M. Apr. '37)

SIMANTEL, ALVIN, 4374 Woodland Ave., Western Springs, Ill. (July '35)

SIMCOE PUBLIC UTILITIES COMMISSION, W. D. Stalker, Secy.-Treas., Water Works Dept., Simcoe, Ont., Can. (Corp. M. Apr. '29)

SIMMONDS, M. A., Resident Analyst, Brisbane City Council, Mt. Crosby, Via Ipswich, Queensland, Australia (July '37)

SIMMONS, FRANK, Supt. Water Works, Russelville, Ky. (Apr. '38)

SIMMS, R. B., Supt., Water Works, Spartanburg, S. C. (May '22)

SIMPLEX VALVE & METER CO., 6759 Upland St., Philadelphia, Pa. (Assoc. M. May '14)

SIOUX FALLS WATER WORKS, Jos. S. Nelson, Comm., Sioux Falls, S. D. (Corp. M. May '27)

SKILLMAN, HAROLD R. (See Warrenton Water Co.)

SKINKER, THOMAS J., 6251 San Bonita Ave., St. Louis, Mo. (July '24) *Director '31, '32.*

SKINNER, ALFRED E., Western Mgr., Pitometer Co., 5311 Kenmore Ave., Chicago, Ill. (Mar. '21)

SKINNER, HERVEY J., Pres., Skinner & Sherman, Inc., 246 Stuart St., Boston, Mass. (Apr. '26)

SKINNER, JOHN F., The Park Lane, 3333 W. 4th St., Los Angeles, Calif. (May '27)

SLANE, NORMAN F., Meter & Service Inspector, Dept. of Water & Power, 4425 Mont Eagle Pl., Los Angeles, Calif. (Oct. '33)

SLATER, E. O., Smith-Emery Co., 920 Santee St., Los Angeles, Calif. (Apr. '22)

SLATER, L. N., Vice-Pres., Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, Calif. (Sept. '31)

SLEDGE, L. C., Engr., South-Eastern Underwriters Assn., Atlanta, Ga. (Jan. '37)

SLEE, R. W., Mgr., Sterling Pump Corp., Builders Bldg., 228 N. La Salle St., Chicago, Ill. (Jan. '38)

SLEEPER, BENJAMIN A., Civil Engr., & Surveyor, 501 Cooper St., Camden, N. J. (Dec. '30)

SLOAN, BEN J., Sylva, N. C. (Oct. '37)

SLOCUM, EDWARD M., Chem. Dir., General Reduction Co., Macon, Ga. (Apr. '37)

SMALL, LEON, Water Engr., Bur. of Water Supply, 500 Municipal Bldg., Baltimore, Md. (Jan. '36)

SMALL, SIDNEY S., Meter Div., Worthington Co., 5075 Santa Fe St., Los Angeles, Calif. (July '35)

SMALLEY, JAMES D., Supt., Water Dept., City Hall, Hayward, Calif. (Aug. '23)

SMALSHAF, A. J., Columbus Water Works, Columbus, Ga. (Dec. '16)

SMEDBERG, C. W., 315 Woodbine St., Greensboro, N. C. (Dec. '22) *Director '32-'34.*

SMITH, A. P., MFG. CO., East Orange, N. J. (Assoc. M. June '97)

SMITH, BENJAMIN L., Whitman, Requardt & Smith, Engrs., 75 State St., Albany, N. Y. (June '30)

SMITH, BIJAH G., City Engr. & Water Supt., Camas, Wash. (Apr. '36)

SMITH, CHESTER A., Cons. Engr., Burns & McDonnell Eng. Co., 107 W. Linwood Blvd., Kansas City, Mo. (Sept. '24)

SMITH, DELBERT D., Supt., Water Works Dept., City Hall, Santa Barbara, Calif. (Apr. '30)

SMITH, E. E., Supt., Water Works, 119 W. High St., Lima, O. (July '35)

SMITH, E. H. (See New Jersey Water Co.)

SMITH, E. VERNON, Supt. of Public Works, Park Ridge, N. J. (Dec. '30)

SMITH, EGMONT S., Neptune Meter Co., 2014 Commerce St., Dallas, Tex. (Oct. '34) *Director '35, '36.*

SMITH, GEORGE F. (See Barrie Water, Light & Gas Commission)

SMITH, GEO L., Service & Safety Dir., Troy, O. (July '35)

SMITH, HAL F., Dept. of Water Supply, 401 Water Board Bldg., Detroit, Mich. (June '29)

SMITH, HAROLD T., Water Supply Contr., Apt. 3F3, Torreon, Coah, Mexico (July '38)

SMITH, HERMAN H., Supt. of Water Dept., La Grange, Ind. (Jan. '38)

SMITH, J. F., Sales Mgr., Great Western Electro-Chemical Co., 9 Main St., San Francisco, Calif. (Dec. '31)

SMITH, JOSEPH P. (See Santa Ana Water Dept.)

SMITH, LEON A., Supt. of Water Works, City Hall, Madison, Wis. (May '16) *Director '31, '32, '35–'37.*

SMITH, M. C., Engr. in Charge, Bur. of Water & Electricity, 109 City Hall, Richmond, Va. (May '25) *Director '38, '39–.*

SMITH, MELOY, Supt. of Water, 43 City Hall, Rochester, N. Y. (Mar. '34)

SMITH, NATHANAEL J., Electrolysis Tester, Corrosion Lab., Dept. of Water & Power, 510 E. 2nd St., Los Angeles, Calif. (Oct. '34)

SMITH, NORMAN F., Water Supply Contr., Box 406, Miami, Fla. (July '38)

SMITH, O. M., Chemistry Dept., A. & M. College, Stillwater, Okla. (Feb. '28)

SMITH, P. A., Treas., A. P. Smith Mfg. Co., 66 Stanley Rd., South Orange, N. J. (May '27)

SMITH, R. J., Mgr. & Sect.-Treas., Perth Public Utilities Comm., Perth, Ont., Can. (June '11)

SMITH, ROBERT T., Wallace & Tiernan Co. Inc., 414 Flour Exchange Bldg., Minneapolis, Minn. (July '30)

SMITH, S. H., 140 Edgewood Ave., Atlanta, Ga. (July '35)

SMITH, S. MORGAN Co., York, Pa. (Assoc. M. Mar. '34)

SMITH, T. E., 140 Edgewood Ave., Atlanta, Ga. (July 35)

SMITH, VERNON, Managing Dir., John Thompson-Aust.-Pty. Ltd., 312 Flinders St., Melbourne, Australia (Jan. '35)

SMITH, W. AUSTIN, Cons. Engr., P. O. Box 1048, Jacksonville, Fla. (Dec. '26)

SMITH, W. B. (See Grimsby Water Commission)

SMITH, W. E., Dist. Mgr., Wallace & Tiernan Co., Inc., 415 Brainard St., Detroit, Mich. (Jan. '38)

SMOUSE, JOHN P., JR., Route 2, St. Joseph, Mo. (June '31)

SNEAD, S. C., Kimbaltan Lime Co., Inc., Shawsville, Va. (Jan. '34)

SNEDEKER, L. LEVERN, City Chemist, 150 S. McKenzie St., Adrian, Mich. (May '30)

SNIDOW, HERMAN W., Sr. Asst. Engr., State Board of Health, Richmond, Va. (June '26)

SNOW, BARTON S., Pres. & Hyd. Engr., T. W. Snow Construction Co., 332 S. La Salle St., Chicago, Ill. (June '30)

SNOW, BAYARD F., Pres., X. Henry Goodnough, Inc., Engrs., 14 Beacon St., Boston, Mass. (Apr. '36)

SNOW, J. A., Mgr., Water Dept., Wisconsin Hydro Electric Co., Ashland, Wis. (July '35)

SNYDER, M. K., Prof. of San. Eng., State College of Washington, Pullman, Wash. (Nov. '28)

SOCHA, MAX K., Civil Engr., Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Feb. '33)

SODERSTROM, C. W. (See Illinois Inspection Bureau)

SODERSTRUM, J. P., City Mgr., City Hall, Grand Junction, Colo. (Nov. '29)

SOEHREN, W. L., Supt. Dallas Water Co., Dallas, Ore. (Dec. '30)

SOLOMON, GABRIEL R., Pres., Solomon, Norcross & Keis, 257 Broadway, Troy, N. Y. (Nov. '25)

SOLVAY SALES CORP., J. V. Stauf, Asst. Director of Sales, 40 Rector St., New York, N. Y. (Assoc. M. Jan. '36)

SONDEREGGER, A. L., Cons. Engr., 925 Central Bldg., Los Angeles, Calif. (Mar. '33)

SOPP, CLAUDE W., Asst. Chief Engr., Pasadena Water Dept., 319 City Hall, Pasadena, Calif. (July '35)

SOPP, GEORGE C., Meter & Service Inspector, Bur. of Water Works & Supply, Box 240, Arcade Annex, Los Angeles, Calif. (Apr. '36)

SORELLE, DONALD, Supt. of Water Works, Acushnet, Mass. (Apr. '30)

SOUTH JERSEY ASSOCIATION OF WATER SUPERINTENDENTS, Walter Spencer, Sect., 2707 Bethel Ave., Merchantville, N. J. (Corp. M. Apr. '31)

SOUTHERN CALIFORNIA WATER CO., A. B. Muller, Vice-Pres., 1206 S. Maple Ave., Los Angeles, Calif. (Corp. M. June '29)

SPALDING, GEO. R., Asst. Supt. Filtration & Sanitation, Hackensack Water Co., New Milford, N. J. (June '26)

SPARKS, GEORGE H., City Hall, East Point, Ga. (July '35)

SPARKS, HARRY H., Dept. of Water & Power, 207 S. Broadway, Los Angeles, Calif. (Sept. '31)

SPARKS, O. L., Supt. Water & Light, Tupelo, Miss. (Jan. '30)

SPARLING, R. W., 945 N. Main St., Los Angeles, Calif (Assoc. M. Nov. '25)

SPAULDING, CHARLES H., Supervising Chemist, City Water, Light & Power Dept., Springfield, Ill. (July '24) *Goodell Prize '33.*

SPAULDING, WILLIS J. (See Springfield, City of)

SPEAR, WALTER E., Acting Chief Engr., Board of Water Supply, 346 Broadway, New York, N. Y. (Jan. '15)

SPEIDEN, H. W., Dept. of Civil Eng., West Virginia Univ., Morgantown, W. Va. (July '35)

SPELLER, FRANK NEWMAN, Metallurgical Engr., 1802 Frick Bldg., Pittsburgh, Pa. (June '20)

SPENCER, WALTER (See South Jersey Association of Water Superintendents)

SPERRY, S. M., Mech. Engr., E. M. Gilbert Eng. Corp., 412 Washington St., Reading, Pa. (July '35)

SPERRY, WALTER A., Chem. Engr., 733 S. Fourth St., Aurora, Ill. (Dec. '14)

SPIRE, LEONARD S., Chief Pitometer Operator, Div. of Water, 50 Lakeview Ave., Buffalo, N. Y. (July '18)

SPOKANE, CITY OF, Alex Lindsay, Supt., Water Div., Room 302, City Hall, Spokane, Wash. (Corp. M. Apr. '12)

SPRINGER, JOHN P., Transite Pipe Dept., Johns-Manville Sales Corp., 116 New Montgomery St., San Francisco, Calif. (Oct. '37)

SPRINGFIELD, CITY OF, Willis J. Spaulding, Comm. of Public Property, Springfield, Ill. (Corp. M. May '30)

STAEFFLER, W. C., Asst. Sect., Public Utilities Comm., 817 Franklin St., Manitowoc, Wis. (Jan. '37)

STALBIRD, JAMES A., State Dept. of Health, Paul Smith Bldg., Saranac Lake, N. Y. (Apr. '25)

STALKER, W. D. (See Simcoe Public Utilities Commission)

STANFIELD, A. C., C. E., Pana, Ill. (Dec. '14)

STANGER, W. H., Mgr., Municipal Water Dist., 1610 Cravens Ave., Torrance, Calif. (Oct. '37)

STANLEY, C. M., Cons. Engr., Young & Stanley, Inc., 211 Iowa Ave., Muscatine, Iowa (Sept. '32)

STANLEY, WILLIAM E., School of Civil Eng., Cornell Univ., Ithaca, N. Y. (Nov. '22)

STANNARD POWER EQUIPMENT CO., 53 W. Jackson Blvd., Chicago, Ill. (Jan. '38)

STAPLEY, EDWARD R., Prof. of Civil Eng. & Field San. Engr., Oklahoma A. & M. College, 27 College Circle, Stillwater, Okla. (July '37)

STARNES, TOM M., Southern Sales Mgr., American Cast Iron Pipe Co., 11 Norwood Circle, Birmingham, Ala. (July '35)

STARTZELL, R. C., Supt. of Water Works, 224 W. Mahoning St., Punxsutawney, Pa. (Dec. '27)

STATHAM, RICHARD N., Indust. Chem. Sales Div., West Virginia Pulp & Paper Co., 417 Schofield Bldg., Cleveland, O. (Jan. '36)

STAUFF, PAUL V., City Chemist, Park Hotel, Eveleth, Minn. (Jan. '34)

STAVA, WILLIAM, Asst. Engr., Hyd. Div., California Railroad Comm., 510 State Bldg., San Francisco, Calif. (May '27)

STEARNS, HARRINGTON P., Long Island Water Corp., 337 Merrick Rd., Lynbrook, L. I., N. Y. (Jan. '14)

STEELMAN, ELMER S., Mgr., Ocean City Water Service Co., 10th St. & West Ave., Ocean City, N. J. (July '29)

STEEL TANK & PIPE CO. OF CALIF., 1100 Fourth St., Berkeley, Calif. (Assoc. M. Aug. '26)

STEHLING, JOHN F., 48 Forest Ave., Glen Cove, L. I., N. Y. (July '35)

STEINHAUER, E., Local Mgr. Redding Dist., California Water Serv. Co., Box 233, Redding, Calif. (May '27)

STEPHENSON, FRANK H., 3652 Kingston Pike, Knoxville, Tenn. (May '20)

STERLING ENGINE CO., M. E. Mutchler, Gen. Sales Mgr. 1270 Niagara St., Buffalo, N. Y. (Assoc. M. Apr. '37)

STERN, SOLLIS E., Supt., Frankfort Water Works Co., Frankfort, Ind. (May '33)

STERNS, EDWARD A., Supt., Water Dept., 207 Long Ave., Hamburg, N. Y. (Apr. '37)

STEVENS, JAMES S., Supt. of Yards & Shops, East Bay Municipal Utility Dist., 2127 Adeline St., Oakland, Calif. (May '33)

STEVENS, LOUIS R., Med. Lab., Ford Motor Co., Dearborn, Mich. (Jan. '38)

STEVENSON, RALPH A., Cons. Chemist, 641 Gibbons St., Los Angeles, Calif. (Sept. '27)

STEVENSON, R. C. (See Idaho Surveying & Rating Bureau)

STEWART, C. E., Supt., Muncie Water Works Co., 316 S. Mulberry St., Muncie, Ind. (Jan. '25)

STEWART, C. M., Supt., Water Dept., Bradford, Pa. (July '35)

STEWART, C. W., JR., Repr., Darling Valve & Mfg. Co., c/o Lincoln Hotel, Indianapolis, Ind. (Jan. '38)

STEWART, ELON P. (See Syracuse Dept. of Engineering)

STEWART, J. R., Town Engr., Renfrew, Ont., Can. (Jan. '37)

STEWART, MALCOLM D., Res. Engr., Seigniory Club Community Assn. Ltd., Seigniory Club, Que., Can. (Jan. '37)

STEWART, MARION G., Supt., Natchez Water Works, Natchez, Miss. (Feb. '32)

STEWART, O. J., Supt., Water Works Dept., Greencastle, Ind. (Jan. '38)

STEWART, R. J., Operating Engr., Edgewood Arsenal, Edgewood, Md. (Apr. '38)

STEWART, SPENCER W., Pres., Ambursen Construction Co., Inc., 295 Madison Ave., New York, N. Y. (Feb. '21)

STILES, ARTHUR B. (See Owego Water Works)

STILWELL, ROBERT L., Supt., Water Dept., Southern Indiana Gas & Electric Co., Evansville, Ind. (July '35)

STIMMEL, R. M., Chief Chemist, New York, Chicago & St. Louis R. R., Lima, O. (Apr. '30)

STOBER, A. W., Representative, Neptune Meter Co., 1519 N.W. Johnson St., Portland, Ore. (July '34)

STOCKNER, L. J., Supt. of Filtration, Galax, Va. (Oct. '34)

STOCKWELL, HENRY P., JR., Chem. Engr., Ottawa Water Purif. Plant, Ottawa, Ont., Can. (Jan. '33)

STOKES, D. BIRNEY, Vice-Pres., United States Pipe & Foundry Co., Burlington, N. J. (Oct. '35)

STOLDT, G. F., Supt., City Power & Water Plant, Jacksonville, Ill. (Dec. '22)

STOLK, H., JUAN F., Chief of Service, Water Dept. of The Ministry of Public Works, P. O. Box 964, Caracas, Venezuela (Jan. '36)

STOLP, AMER C., Mgr., California Water Serv. Co., Marysville, Calif. (Nov. '33)

STOMPLER, OTTO F., Supt., Langhorne Spring Water Co., Langhorne, Pa. (Jan. '26)

STONE, WYMAN R., San. Engr., 1015 Post Road, Scarsdale, N. Y. (Jan. '38)

STORRIE, WILLIAM, Cons. Engr., Charles-Bay Bldg., 1130 Bay St., Toronto 5, Ont., Can. (Mar. '15)

STORRS, H. A., Chief Inspector East Bay Municipal Utility Dist., 512 16th St., Oakland, Calif. (Apr. '30)

STOSICK, J. F., City Hall, South Milwaukee, Wis. (July '35)
STOTT, ROY, Mgr., Light & Water Dept., Greenwood, Miss. (July '38)
STOUT, T. A., Latrobe Water Co., Latrobe, Pa. (Oct. '32)
STOVER, FREDERICK H., Chem. & Bact., Crescent Hill Filter, Louisville Water Co., Louisville, Ky. (June '12)
STRADLING, F. P., Supt., Kokomo Water Works Co., P. O. Box 369, Kokomo, Ind. (Dec. '24)
STRAETZ, A. G., Homelite Corp., 565 W. Washington Blvd., Chicago, Ill. (July '35)
STRANGE, E. L., Mgr., City Water Works, Corvallis, Ore. (Nov. '28)
STRASSER, J. J., Branch Mgr., Hersey Mfg. Co., 844 Rush St., Chicago, Ill. (Apr. '34)
STRATHROY PUBLIC UTILITIES COMMISSION, A. E. Ditchburn, Mgr., Strathroy, Ont., Can. (Corp. M. Feb. '32)
STREET, J. C. (See Welland Board of Water Commissioners)
STREETER, ROBERT L., City Engr., Box 359, Gillette, Wyo. (Apr. '37)
STRICKLAND, G. HUDSON, Supt. of Filtration Plant, Windsor Utilities Comm., Canada Bldg., Windsor, Ont., Can. (Mar. '29)
STRICKLAND, JOHN F., Chemist, Box 282, Dunn, N. C. (Oct. '37)
STRICKLER, SIMON F., 1827 N. 2nd St., Harrisburg, Pa. (Jan. '37)
STROCKBINE, WALTER, Berkley, R. D. No. 2, Reading, Pa. (June '27)
STROHMEYER, JOSEPH S., Dist. Engr., Bur. of Water Supply, 5007 Cerdelia Ave., Baltimore, Md. (May '22)
STROMQUIST, W. G., 3421 Glendon Ave., Chattanooga, Tenn. (May '32)
STROTHER, BRYANT L., Filter Plant Supervisor, Du Pont Rayon Co., Richmond, Va. (Jan. '35)
STRUDGEON, J. C., Supt., Parkrose Water Dist., 10404 N. E. Sandy Blvd., Portland, Ore. (July '35)
STUART, ARCHER B. (See Healdsburg, City of)
STUART, FRED E., Activated Alum Corp., 80 Broad St., New Tork, N. Y. (Oct. '31)
STUTZ, C. N., 1108 S. East St., Bloomington, Ill. (July '35)
SUBURBAN WATER CO. OF ALLEGHENY COUNTY, Verona, Pa. (Corp. M. Apr. '09)
SUDLOW, HARRY, Supt. of Water Works, Aiken, S. C. (Apr. '30)
SULLIVAN, WILLIAM F. (See Pennichuck Water Works)
SUMMERS, O. B. (See New Mexico Power Co.)
SUTCLIFFE, H. W., Civil Engr., New Liskeard, Ont., Can. (July '35)
SUTER, MAX, Engr., State Water Survey, 405 W. Elm St., Urbana, Ill. (May '33)
SUTER, RUSSELL, Exec. Engr., Water Power & Control Comm., Albany, N. Y. (Oct. '14)
SUTERS, FRANK, Mgr., Chico-Calif. Water Serv. Co., 121 Broadway, Chico, Calif. (Oct. '37)
SUTHERLAND, OSCAR, Asst. Supt., Water Dept., Sioux City, Io. (June '27)
SUTHERLAND, (MISS) LOIS (See Paducah Water Works)
SVENSON, S. H., Buffalo Sales Agent, U. S. Pipe & Foundry Co., 957 E. Ferry St., Buffalo, N. Y. (Apr. '37)
SWAB, BERNAL H., 713 First Ave., Altoona, Pa. (Mar. '30)

SWANSON, HERBERT S., Hydrographer, Bur. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif. (Oct. '34)

SWARTZ, MARTIN, Supt., Water & Light Comm., Greenville, N. C. (Dec. '24)

SWEET, E. O., Birmingham Water Works Co., Birmingham, Ala. (May '19)

SWINNEY, GUY H., San. Inspector, Bur. Water Works & Supply, Box 240, Arcade Annex, Los Angeles, Calif. (Oct. '37)

SWITZER, JOHN A., Cons. Engr., Prof. of Hyd. & San. Eng., Univ. of Tennessee, Knoxville, Tenn. (May '15)

SYBRANDT, JOHN L., Western Sales Mgr., Ludlow Valve Mfg. Co., 7 S. Dearborn St., Chicago, Ill. (Apr. '34)

SYDOW, WILLIAM, Cons. Engr., 3461 Main Highway, Miami, Fla. (July '38)

SYMES, CYRIL B., City Engr., City Hall, Fort William, Ont. Canada (Apr. '38)

SYMONS, M. M., Chief Engr., Inter-State Water Co., Lock Box 803, Danville, Ill. (Feb. '15)

SYNTRON Co., Homer City, Pa. (Assoc. M. Jan. '35)

SYRACUSE DEPT. OF ENGINEERING, Div. of Water, Elon P. Stewart, Engr., 400 City Hall, Syracuse, N. Y. (Corp. M. Jan. '23)

TABER, GEORGE A., Cons. Engr., 1000 N. Main St., Reading, Mass. (June '12)

TAGGART, ROBERT S., Dist. San. Engr., State Dept. of Health, 268 Guy Park Ave., Amsterdam, N. Y. (Apr. '37)

TAINTER, F. S., Cons. Engr., Parsons, Klapp, Brinckerhoff & Douglas, Cons. Engrs., 142 Maiden Lane, New York, N. Y. (Oct. '19)

TAIT, ROBERT S., Supt. of Water, 14 California St., Santa Cruz, Calif. (Oct. '25)

TAIT, WM., Supt. of Water Works, Picton, Ont., Can. (Apr. '34)

TAKEUCHI, R., Hirata, Ashiya, Seido-Mura, Mukogun, Hyogo-Ken, Japan (Dec. '27)

TALBOT, ARTHUR N., Prof., Munic. & San. Eng., Univ. of Illinois, Urbana, Ill. (Aug. '94) *Hon. Member '30.*

TALBOT, EARLE, Vice-Pres., Hackensack Water Co., Box F, Weehawken, N. J. (May '20)

TALBOTT, R. A., Supt. of Water Works, Wellston, O. (July '37)

TALLANT, LEE H., Water Supt., Estes Park, Colo. (Apr. '30)

TANGNEY, FRANK P., Salesman, National Meter Co., 5401 Woodlawn Ave., Seattle, Wash. (July '35)

TANNER, CLAIR D. (See Holland Water District No. 1.)

TANNER, J. R. (See West Palm Beach Water Co.)

TAPPEN RAY, Supt., Jericho Water Dist., Box 434, Glen Head, N. Y. (July '38)

TARBELL, W. P., City Engr. & Supt. Water Works, P. O. Box 185, Fargo, N. D. (Feb. '28)

TATE PROCESSES, Bruce Harkness, 9 Kew Gardens Rd., Kew Gardens, L. I., N. Y. (Assoc. M. Jan. '38)

TATMAN, O. P. (See Chillicothe Water Co.)

TATNALL, GEORGE, Hyd. Engr., National Board of Fire Underwriters, 222 W. Adams St., Chicago, Ill. (Feb. '30)

TAULMAN, W. D., 179 Spring St., S. W., Atlanta, Ga. (July '35)

TAY, SAMUEL WRIGHT, San. Engr., Territorial Board of Health, Hawaii, 2413 Lower Manoa Rd., Honolulu, T. H. (July '20)

TAYLOR, ARTHUR, Con. Engr., 725 S. Spring St., Los Angeles, Calif. (July '24)

TAYLOR, D. C., Acting Office Mgr., Windsor Utilities Comm., 2090 Wyandotte St., Walkerville, Ont., Canada (Jan. '35)

TAYLOR, D. R., Supt., Roanoke Water Works Co., 20 Salem Ave., E., Roanoke, Va. (Sept. '33)

TAYLOR, GEO. R., San. Chemist, 135 Jefferson Ave., Scranton, Pa. (May '08)

TAYLOR, HENRY R., Filtration Supt., East Bay Municipal Utility Dist., 714 Arbor Drive, San Leandro, Calif. (July '33)

TAYLOR, STEPHEN H., Supt., Water Works, 312 Municipal Bldg., New Bedford, Mass. (June '19) *Trustee '29, '30. Director '31, '32.*

TAYLOR, WARREN C., Assoc. Prof. of Civil Eng., Union College, Schenectady, N. Y. (Oct. '24)

TECK, TOWNSHIP OF, F. G. Browne, Supt. of Water Works, Kirkland Lake, Ont., Can. (Corp. M. Feb. '32)

TEMPEST, W. F. (See Portland Cement Association.)

TEMPLE, F. C., C. I. E., Messrs. Williams & Temple, 28 Victoria St., Westminster, S. W. 1, England (Dec. '29)

TENNY, M. K., Chemist, Des Moines Water Works, 10th & Locust Sts., Des Moines, Iowa (Feb. '27)

TERRELL, ROBERT C., Supt., Danville City Water Works, Danville, Ky. (Jan, '36)

TESSIER, A. H., International Water Supply Co., 2011 Maplewood Ave., Montreal, Que., Can. (Jan. '37)

TETZLAFF, FRANK, San. Engr., Ministerio de Sanidad, Direccion de Ingenieria Sanitaria, Caracas, Venezuela (Jan. '36)

THACKER, E. H., Asst. Supt., Meter & Service Dept., Water Distr. Div., Dept. of Water & Power, 468 Ducommun St., Los Angeles, Calif. (Oct. '29)

THALHEIMER, ALBERT, Pres., Selma Water Works, Selma, Ala. (July '35)

THANE, H. S., Supt., Water Dept., Missoula Div., Montana Power Co., Missoula, Mont. (Apr. '26)

THATCHER, CHAS. E., Mgr., Commercial Div., East Bay Municipal Utility Dist., 512—16th St., Oakland, Calif. (May '33)

THATCHER, LYNN M., Dir., Div. of Public Health & San., Utah State Board of Health, State Capital, Salt Lake City, Utah (Oct. '37)

THAYER, E. S., Sales Representative, Mathieson Alkali Works, Inc., 410 N. Michigan Ave., Chicago, Ill. (July '35)

THAYER, NEAL B. (See Elkhorn Light & Water Commission.)

THEARD, ALFRED F., Gen. Supt. & Chief Engr., Sewerage & Water Board. 526 Carondelet St., New Orleans, La. (July '37)

THEOBALD, JEROME J., Commercial Engr., Westchester Lighting Co., 9 S. First Ave., Mount Vernon, N. Y. (Mar. '34)

THIESSEN, FRANK C., Cons. Engr., Public Service Comm., Madison, Wis. (Oct. '24)

THOMAS, A. H. R. (See New Toronto Public Utilities Commission.)

THOMAS, ARIEL ALTON, 807 W. Navada St., Urbana, Ill. (Jan. '38)

THOMAS, CHARLES F., Dist. Mgr., Pittsburgh Equitable Meter Co., 607 Iroquois Bldg., Buffalo, N. Y. (Apr. '37)

THOMAS, DAVID S., Inspecting Engineer, Board of Fire Underwriters of the Pacific, 1106 Second Ave., N., Great Falls, Mont. (Feb. '27)

THOMAS, E. R., Supt., Municipal Water Dept., Burlington, N. C. (Jan. '36)

THOMAS, FRANKLIN, Prof. of Civil Eng., Calif. Inst. of Technology, Pasadena, Calif. (Mar. '30)

THOMAS, HERBERT L. (See Little Rock Mun. Water Works.)

THOMAS, NORTON A., Chemist & Bacteriologist, 2409 E. Linwood Ave., Milwaukee, Wis. (May '30)

THOMAS, R. ALLEN, Comm. of Public Works, City Hall, Winston-Salem, N. C. (Apr. '36)

THOMAS, ROBERT J., Water Works Engr., 85 11th St., Lowell, Mass. (May '00) *Hon. Member '26. President '14. Vice-Pres. '10–'13. Exec. Comm. '04, '05, '15, '16.*

THOMAS, T. W., Peoples Water Co., Phillipsburg, N. J. (Apr. '36)

THOMPSEN, ALBERT, Meter Shop Foreman, Municipal Water Dept., 3516 S. 47th Ave., Minneapolis, Minn. (Apr. '38)

THOMPSON, DAVID G., Water Resources Branch, U. S. Geological Survey, Washington, D. C. (Sept. '24)

THOMPSON, E. W. Northwestern Mgr., Neptune Meter Co., 1519 N. W. Johnson St., Portland, Ore. (Dec. '27)

THOMPSON, H. E. Engr., Univ. of North Carolina, Chapel Hill, N. C. (Dec. '33)

THOMPSON, H. M., Mgr., Hercules Powder Co., P. O. Box 135, Sta. A., Atlanta, Ga. (Jan. '38)

THOMPSON, JOHN D., Hotel Onondaga, Syracuse, N. Y. (Oct. '29)

THOMPSON, LEONARD N., Gen. Supt. & Engr., Water Dept., St. Paul, Minn. (Apr. '29) *Director '37–'39.*

THOMPSON, RUDOLPH E., Chemist, Filtration Plant, 445 Parkside Drive, Toronto 3, Ont., Can. (Mar. '22)

THOMPSON, S. A., 2120 S. 16th St., Burlington, Iowa (July '35)

THOMSON METER CO., 50 W. 50th St., New York, N. Y. (Assoc. M. Apr. '91)

THON, GEORGE L., Supt. of Water & Light, Aurora, Ill. (Jan. '36)

THORNE, L. H., Vice-Pres.-Treas., W. L. Thorne Co., 1203 Thacker St., Des Plaines, Ill. (Jan. '38)

THORNTON, GROVER L., Supt., City Water Dept., Kelso, Wash. (Apr. '37)

THORP, D. W., Hamlet Water Co., Hamlet, N. C. (July '35)

THORSON, W. R., Mgr., Mun. Light & Water Dept., 127 E. 3rd St., Muscatine, Iowa (Oct. '37)

THRASHER, W. E., Gen. Supt., Westchester Joint Water Works No. 1, Mamaroneck, N. Y. (Jan. '37)

THUMA, R. A., Supt., Filter Plant, Water Dept., R. F. D. No. 4, Dayton's Bluff P. O., St. Paul, Minn. (Mar. '25)

TIGHE, JAMES L., Cons. Engr., 189 High St., Holyoke, Mass. (Apr. '89) *Hon. Member '26.*

TILBURY PUBLIC UTILITIES COMM., P. J. Daigneau, Comm., Tilbury, Ont., Can. (Corp. M. Apr. '34)

TILLMAN, M. W., Supt., Water & Light Dept., West Point, Miss. (July '38)

TILLSONBURG PUBLIC UTILITIES COMMISSION, S. Buckrell, Supt., Tillsonburg, Ont., Can. (Corp. M. Feb. '29)

TIMANUS, C. S., Burns & McDonnell Eng. Co., 107 W. Linwood Blvd., Kansas City, Mo. (May '31)

TIMMINS, CORPORATION TOWN OF, J. D. McLean, Town Engr., Box 433, Timmins, Ont., Can. (Corp. M. Feb. '33)

TIPPERT, R. C., Supt., Water Works, Altavista, Va. (July '35)

TISDALE, ELLIS S., Dir., Div. of San. Eng., State Dept. of Health, Charleston, W. Va. (Aug. '16)

TOBIN, L. P., Supt. & Treas., Municipal Water & Light Dept., Camden, S. C. (Jan. '32)

TODD, ARTHUR R., Chemist, Wheeling Water Dept., Water Works, Warwood, Wheeling, W. Va. (Apr. '34)

TOEWS, C. A., Supt., Dinuba Water Dept., Dinuba, Calif. (Oct. '37)

TOLBURG, H. A., 1405 S. State St., Springfield, Ill. (July '35)

TOLLES, FRANK C., Civil & San. Engr., Leader Bldg., Cleveland, O. (Aug. '23)

TOLMAN, S. L., 1049 S. Oakwood Ave., Columbus, O. (July '35)

TOMEK, ARTHUR O., Filter Plant Supt., Two Rivers, Wis. (Oct. '35)

TOMLINSON, SAM, Midland Bank, Ltd., Grange-Over-Sands, Lancashire, England (July '87)

TOMLINSON, W. S., City Engr., Columbia, S. C. (July '37)

TOMPKINS, H. G. (See Emporium Water Co.)

TOMS, R. C., Mgr., Marion Water Co., Marion, Iowa (Apr. '24)

TONGLET, KAREL H., City Water Supt., City Hall, Monrovia, Calif. (Oct. '37)

TORONTO DEPT. OF WORKS, R. C. Harris, Comm. of Works, City Hall, Toronto 2, Ont., Can. (Corp. M. Jan. '35)

TOWNE, JAMES E., Supt., Water & Light Dept., N. Forest St., Waupun, Wis. (Oct. '35)

TOWNE, W. W., Dir., Div. of San. Eng., State Board of Health, Capitol Annex, Pierre, S. D. (Dec. '29)

TOWNLEY, D. H., Engr., Elizabethtown Water Co. Consol., 22 W. Jersey St., Elizabeth, N. J. (June '34)

TOWNS, J. E., Mgr., General Chemical Co., 350 Abbott Road, Buffalo, N. Y. (Oct. '37)

TOWNSEND, C. P., Supt. of Water Works, Abbeville, S. C. (July '35)

TOWNSEND, FRED W., 2411 Ivanhoe Drive, Los Angeles, Calif. (Apr. '33)

TOWNSEND, HAL. C., 900 Meridan Ave., Dearborn, Mich. (Jan. '38)

TRACY, JOSEPH E., Engr., The Pitometer Co., 50 Church St., New York, N. Y. (Jan. '37)

TRACY, R. N., Civil Engr., Hardesty Mfg. Co., 3063 Blake St., Denver, Colo. (Jan. '35)

TRASK, FRANK E., Cons. Engr., 305 Bradbury Bldg., Los Angeles, Calif. (July '36)

TRAUGER, GEORGE W., Supt., Lindsay Strathmore Irrigation Dist., Lindsay, Calif. (Nov. '25)

TRAVER, LESLIE J., Supt. Pumping Plant, East Bay Municipal Dist., 512 16th St., Oakland, Calif. (May '33)

TRAVIS, F. M., Pres., Torrington Water Co., P. O. Box 76, Torrington, Conn. (July '17)

TRAX, E. C., Chemist, Filtration Plant, McKeesport, Pa. (June '11)

TRENTLAGE, LA VERNE, Foreman, Meter Div., Elgin City Water Dept., 212 Jefferson Ave., Elgin, Ill. (Apr. '36)

TRENTON WATER WORKS, Frank M. Winder, Director, 657 Calhoun St., Trenton, N. J. (Corp. M. May '09)

TREXLER, CARL EDWARD, City Chemist, City Office, Salisbury, N. C. (Oct. '37)

TRIMBLE, ROSWELL D., R. D. Trimble & Co., Cons. & Constr. Engrs., American Bldg., Richmond, Va. (July '37)

TROWBRIDGE, CHARLES E., American Water Works & Electric Co., 50 Broad St., New York, N. Y. (Mar. '29)

TROY BUREAU OF WATER, William Luby, Troy, N. Y. (Corp. M. May '24)

TRUE, ALBERT O., San. Engr., Denim Branch, Proximity Mfg. Co., Greensboro, N. C. (Aug. '22)

TRUEBLOOD, V. B., Sect., Waterloo Water Works, Waterloo, Iowa (Dec. '33)

TRUESDALE, WILLIAM, Supt. of Water Works, Victoria Ave., Essex, Ont., Can. (Jan. '37)

TRUMAN, CHESTER A., Supt., Northfield Land & Water Co., 3011 N. Tejon St., Colorado Springs, Colo. (Dec. '26) *Director '38, '39–.*

TSCHABRUN, G. P. (See Julesburg, Town of)

TULARE WATER DEPT., CITY OF, H. A. Pennebaker, Repr., City Hall, Tulare, Calif. (Corp. M. Oct. '37)

TULL, E. R., Supt., Municipal Water Plant, Rockingham, N. C. (Jan. '35)

TULSA WATER DEPT., Tulsa, Okla. (Corp. M. June '29)

TUNSTELL, WALTER, Town Engr., Uxbridge, Ont., Can. (July '35)

TURLEY, COMER, Mech. Supt., Pepperell Mfg. Co., Lindale, Ga. (July '37)

TURNER, A. J. (See Washington Water Power Co.)

TURNER, CHARLES D., Dist. Mgr., Wailes Dove-Hermiston Corp., 401 N. Broad St., Philadelphia, Pa. (Apr. '37)

TURNER, HOMER G., Research Engr., State College, Pa. (Sept. '32)

TURNER, JAMES V., Supt. Water Works, Providence, R. I. (July '38)

TURNER, W. D., Prof. of Chem. Eng., Columbia Univ., New York, N. Y. (May '31)

TURRE, GEORGE J., Chief Chemist & Asst. Supt. of Filtration, Board of Water Commissioners, Box 629, Denver, Colo. (Nov. '27)

TUSCALOOSA, CITY OF, C. S. Read, Supt. of Water Works, Tuscaloosa, Ala. (Corp. M. Jan. '35)

TUTTLE, ARTHUR S., Cons. Engr., 10 East 40th St., New York, N. Y. (July '16)

TVARGOSKY, P. A., City Water Works, Vicksburg, Miss. (Feb. '30)

TYGERT, CYRIL B., Dist. Mgr., Wallace & Tiernan Co., Inc., 208 Jackson Ave., Rutherford, N. J. (Oct. '35)

TYLER, O. Z., Supt., Houghling Water Dept., Utilities Bldg., Jacksonville, Fla. (Jan. '27)

TYLER, RALPH L., Mgr., Citizens Water Co. of Scottdale, Scottdale, Pa. (Jan. '37)

TYLER, RICHARD G., Dean, College of Eng., Univ. of Washington, Seattle, Wash. (Feb. '31)

ULLRICH, A. H., Purif. Engr., Water Dept., Fort Smith, Ark. (Oct. '35)

ULRICH, A. A., Mgr., Massillon Div., Ohio Water Service Co., 50 Charles Ave., S. E., Massillon, Ohio (June '31)

ULRICH, BERNARD L., Supt. of Water Works, Manhattan, Kan. (Feb. '22)

UMBENHAUER, ELWOOD J., San. Engr., Water Dept., Central Power & Light Co., Laredo, Tex. (Oct. '35)

UNDERWOOD, J. E., Cons. Engr., 102 Grain Bldg., Saskatoon, Sask., Can. (Jan. '37)

UNITED CONCRETE PIPE CO., Box 1, Station H, Los Angeles, Calif. (Assoc. M. Sept. '29)

UNITED STATES PIPE & FOUNDRY CO., Thomas Simons, Southern Sales Mgr., 1711 American-Traders Bank Bldg., Birmingham, Ala. (Assoc. M. Nov. '29)

UNITED STATES PIPE & FOUNDRY CO., Lincoln-Liberty Bldg., Broad & Chestnut Sts., Philadelphia, Pa. (Assoc. M. June '92)

UNITED STATES STEEL CORP., C. R. Moffatt, Director of Exhibits, 434 Fifth Ave., Pittsburgh, Pa. (Assoc. M. Jan. '36)

UNIVERSAL GEAR CORP., 19th & Martindale Ave., Indianapolis, Ind. (Assoc. M. May '34)

URUETA F, EDUARDO, Water Works Supt., Apto. No. 53, Santa Marta, Colombia, S. A. (Sept. '29)

UTRECHTSCHE WATERLEIDING-MAATSCHAPPIJ, 15 Predikheerenkerkhof, Utrecht, Holland (Corp. M. Nov. '22)

VALPARAISO DEPT OF WATERWORKS, William Peters, Repr., Valparaiso, Ind. (Corp. M. Apr. '38)

VAN ARNUM, WILLIAM I., Chem. Engr., Mahoning Valley San. Dist., 402 Glenwood Ave., Youngstown, Ohio (Feb. '22)

VAN BENSCHOTEN, JAY, Mech. & Water Works Engr., 58 Pelham Ave., West Toronto, Ont., Can. (June '23)

VANCE, L. S., Chief Engr. & Supt., Louisville Water Co., 435 Third St., Louisville, Ky. (Apr. '38)

VAN CLEAVE, S. M., Supt., City Water Dept., Marion, Ind. (Apr. '26)

VAN DEN BERG, C., JR., Federal Water Service Corp., 90 Broad St., New York, N. Y. (Apr. '27)

VAN DEUSEN, E. J., Supt., Malone Village Water Works, 21 Pearl St., Malone, N. Y. (Feb. '25)

VAN DIEN, MILLARD, Supt. of Public Works, Essex Fells, N. J. (Jan. '37)

VAN GILDER, L., Engr. & Supt., Water Dept., City Hall, Atlantic City, N. J. (July '06)

VAN HECKE, CHAS E., Supt., City Water Dept., Stevens Point, Wis. (June '30)

VANLANDINGHAM, M. T., Supt. of Water Dept., City Hall, Muskogee, Okla. (Oct. '37)

VAN LIEW, WM. M., Water Supt., Okanogan, Wash. (Dec. '28)

VAN LOAN, SETH M., Chief, Bur. of Water, 801 City Hall Annex, Philadelphia, Pa. (May '14) *Trustee '28-'30. Director '34-'36.*

VAN METER, ROY O., Chief Filter Plant Operator, Dept. of Water & Power, 1025 Mc Farland St., Wilmington, Calif. (Oct. '32)

VAN NORMAN, H. A. (See Los Angeles Dept. of Water & Power)

VAN NORMAN, S. J., Div. Engr., 203 Sewerage & Water Board Bldg., New Orleans, La. (July '37)

VANNOY, F. R., P. O. Box 343, Madisonville, Ky. (Jan. '38)

VAN NUYS, J. B., Pres., Arrowhead Lake Corp., Box No. 7, Lake Arrowhead, Calif. (Oct. '37)

VAN PATTEN, C., Mgr., Salem Water Dept., 304 S. Commercial St., Salem, Ore. (Jan. '36)

VAN PATTER, HUGH STANLEY, Hyd. Engr., Dominion Eng. Works, Ltd., Montreal, Que., Can. (Apr. '32)

VAN PRAAG, ALEX, Jr. Vice-Pres. & Sect., Warren & Van Praag, Inc., 416 Millikin Bldg., Decatur, Ill. (Jan. '38)

VAN TRUMP, S. N., Wilmington Suburban Water Co., Bellevue, Del. (July '35)

VAUGHAN, E. A. (See Lompoc Light & Water Dept.)

VAUGHAN, J. L., Supt., Water Dept., Box 397, Pendleton, Ore. (Jan. '37)

VAUGHN, JAMES C., Chemist-Bacteriologist, Hammond Filtration Plant, 1713 Stanton Ave., Whiting, Ind. (Jan. '36)

VAWTER, E. B. (See West Lafayette Water Works Co.)

VEALE, F. J., Supt. of Water Works, Hamilton, Ont., Can. (Apr. '31)

VEATCH, N. T., JR., Cons. Engr., 4706 Broadway, Kansas City, Mo. (Dec. '15)

VELZY, C. R., Res. Engr. for Greeley & Hansen, 505 City Hall, Buffalo, N. Y. (Apr. '37)

VENTURA CITY WATER SYSTEM, Chas. F. Zapf, Supt., P. O. Box 1010, Ventura, Calif. (Corp. M. Jan. '36)

VERMEULE, CORNELIUS C., C. E., 38 Park Row, New York, N. Y. (June '09)

VERNON, CITY OF, Francis Bates, City Engr., 4305 Santa Fe Ave., Vernon, Calif. (Corp. M. Jan. '37)

VERTEFEUILLE, JOSEPH A., Borough Engr., Dept. of Water Supply, Gas & Elec., City of New York, Municipal Bldg., Brooklyn, N. Y. (May '16)

VEST, W. E., Supt. of Water Works, Charlotte, N. C. (May '11) *Director '31.*

VICTAULIC COMPANY OF AMERICA, 26 Broadway, New York, N. Y. (Assoc. M. Apr. '26)

VIDOU, OSCAR G., In charge H. C. Dept., Sewerage & Water Board, 526 Carondelet St., New Orleans, La. (July '37)

VIEIRA, E. DE MORAES, Ed., "A Noite," Sal 1616-1617, Rio de Janeiro, Brazil (June '28)

VIENO, R. R., Supt., Dist. Water Dept., City Hall, Beaumont, Tex. (July '38)

VILLA-ACOSTA, ALFONSO, Civil Engr., 9a Calle de la Rosa 213, Mexico, D. F., Mexico (Apr. '30)

VOGT MFG. CO., P. O. Box 1122, Louisville, Ky. (Assoc. M. May '25)

VOJCSIK, LIPOT, C.E., Boraros Ter 6. IV. 1., Budapest IX, Hungary (July '26)

VOLK, KENNETH Q., 176 N. Highland Ave., Los Angeles, Calif. (Oct. '26)

VOLLMAR, OTTO, Dir., Dresden Water Works, Brockhausstrasse 3, Dresden, N. 8, Germany (Mar. '25)

VON GREYERZ, WALO, C.E., Major Royal Swedish Corps. Engrs., Humlegardsgatan, 29, Stockholm, Sweden (July '20)

VOORHEES, GEORGE G., Water Supt., Brielle, N. J. (Oct. '37)

VROOMAN, MORRELL, Cons. Civil Engr., Gloversville, N. Y. (June '13)

WACHTER, R. E., Asst. Engr., Missouri Pacific Ry., 1200 Missouri Pacific Bldg., St. Louis, Mo. (Jan. '34)

WACKERLIN, GEO., Fort Benton, Mont. (July '35)

WADDELL, W. H., Supt., Water Dept., City Hall, Owen Sound, Ont., Can. (July '35)

WADDINGTON, ARTHUR H., Chemist & Bacteriologist, 23 Torver Rd., Harrow, Middlesex, England (June '34)

WADE, H. T., Water Supt., Three Forks, Mont. (July '35)

WADE, JEPTHA A., California Water Serv. Co., Federal Reserve Bank Bldg., San Francisco, Calif. (May '31)

WAFER, JOSEPH M., Industrial Chemical Sales Div., West Virginia Pulp & Paper Co., 230 Park Ave., New York, N. Y. (Jan. '37)

WAGENHALS, H. H., Assoc. San. Engr., State Dept. of Health, 411 Herald Bldg., Syracuse, N. Y. (July '37)

WAGES, R. E., Supt., of Water Works, Springdale, Ark. (Jan. '36)

WAGNER, A. H., Supt., Public Water Works Dist. #2, 119 E. Abriendo Ave., Pueblo, Colo. (Mar. '28)

WAGNER, C. F., Engr., Oregon Insurance Rating Bur., P. O. Box 70, Portland, Ore. (Nov. '25)

WAGNER, EDWARD P., Civil & San. Engr., 55 W. 42nd St., New York, N. Y. (Jan. '37)

WAGNER, EDWIN B., Supt. of Water Works, Downingtown, Pa. (Apr. '21)

WAGNER, HENRY F., Chief Chemist, Div. of Water, Buffalo, N. Y. (May '14)

WAGNER, RICHARD E., Vice-Pres., Zeolite Chemical Co., 24 Ascan Ave., Forest Hills, N. Y. (July '37)

WAGNER, RICHARD F., Supt. & Engr., Dept. of Water, Lynchburg, Va. (Nov. '19)

WAHIAWA WATER CO., LTD., A. A. Wilson, Wahiawa, Hawaii (Corp. M. Apr. '23)

WAILES DOVE-HERMISTON CORP., 17 Battery Place, New York, N. Y. (Assoc. M. Mar. '25)

WAITE, HARRY E. (See San Fernando Water Dept.)

WAITSBURG, CITY OF, R. R. Rinehart, Water Supt., Waitsburg, Wash. (Corp. M. Apr. '38)

WALKER, CHARLES L., Prof. of San. Eng., Cornell Univ., Ithaca, N. Y. (May '30)

WALKER, EDWARD L., Asst. Hyd. Engr., Public Service Comm., 80 Centre St., New York, N. Y. (Jan. '34)

WALKER, ELTON D., Prof. of Hyd. & San. Eng., Pennsylvania State College, State College, Pa. (July '06)

WALKER, GEORGE (*See* Montauk Beach Development Corp.)

WALKER, LEWIE D., Water Works Engr., Canadian Underwriters' Assn., Metropolitan Bldg., Toronto, Ont., Can. (Feb. '21)

WALKER, WALTER E., Chief Engr., Water Works, North Rd., Poughkeepsie, N. Y. (Mar. '29)

WALKER, W. H., Substation 82, Toronto, Ont., Canada (Mar. '32)

WALL, EDWARD E., Dir. of Public Utilities, City Hall, St. Louis, Mo. (June '04) *Hon. Member '36. Trustee '24–'26.*

WALL, GEORGE ALBERT, c/o Los Angeles Athletic Club, 431 W. 7th St., Los Angeles, Calif. (Jan. '38)

WALL, JAMES S., Supt., Water Works, Box 234, Huntsville, Ala. (Apr. '38)

WALL, V. M., Pacific Coast Sales Mgr., National Cast Iron Pipe Co., 1115 S. Hope St., Los Angeles, Calif. (Oct. '29)

WALLACE & TIERNAN CO., INC., Box 178, Newark, N. J. (Assoc. M. Apr. '15)

WALLACE, DAVID S., Mgr., Lewiston Orchards Irrigation Dist., Lewiston, Idaho (Jan. '35)

WALLACE, DONALD S., Dist. Engr., U. S. Geological Survey, Ocala, Fla. (May '34)

WALLACE, WILLIAM M., Supt. of Filtration, Water Works Park, Detroit, Mich. (Apr. '22)

WALLENE, FRANK O., Dir. of Public Utilities, 105 City Hall, Cleveland, O. (Jan. '36)

WALLER, R. O., Jr. San. Engr., Div. of Water Purif., Bur. of Eng., Navy Pier, Chicago, Ill. (May '33)

WALLIS, L. E., Supt., Water & Light Dept., Elberton, Ga. (Feb. '33)

WALTER, FRED, Foreman, 5234 Somerset, Detroit, Mich. (Apr. '38)

WALTERS, GROVER L., Supt. of Water Works, City Hall, 123 W. Wilshire, Fullerton, Calif. (Oct. '30)

WALTHALL, E. B., Vice-Pres., California Water Serv. Co., 501 Federal Reserve Bank Bldg., San Francisco, Calif. (Oct. '31)

WALVOORD, D. J., Big Timber, Mont. (Jan. '36)

WARD, CLAYTON N., 2225 Rowley Ave., Madison, Wis. (June '30)

WARD, HARRY W., Chief Chemist, 2122 First St., Wyandotte, Mich. (Jan. '38)

WARD, JOE E., C. E., Montgomery & Ward, Cons. Civil Engrs., 545 Harvey-Snider Bldg., Wichita Falls, Tex. (June '26)

WARD, R. E., 302 Hildebrandt Bldg., Jacksonville, Fla. (July '35)

WARDE, JOHN S., Rensselaer Valve Co., 50 Church St., New York, N. Y. (May '30)

WARDER, CHARLES, Supt. of Water Works, Niagara Falls, Ont., Can. (Jan. '16)

WARE, HOWARD T., Engr., Central Foundry Co., Box 502, Union, N. Y. (July '35)

WARING, F. HOLMAN, Chief Engr., State Dept. of Health, Columbus, O. (Feb. '15)

WARNER, J. M., 1000 Steele St., Denver, Colo. (July '35)

WARREN FOUNDRY & PIPE CO., 11 Broadway, New York, N. Y. (Assoc. M. Mar. '11)

WARREN, J. B., Dir. of Biology, Brockway Testing Labs., Box 43, DuBois, Pa. (Apr. '30)

WARREN, W. D. P., Pres., Warren & Van Praag, Inc., 416 Millikin Bldg., Decatur, Ill. (Jan. '38)

WARRENTON WATER CO., Harold R. Skillman, Supt., Water Dept., Warrenton, N. C. (Corp. M. Nov. '28)

WARRICK, LOUIS F., State San. Engr., State Board of Health, Madison, Wis. (Apr. '20)

WASHINGTON SUBURBAN SANITARY COMMISSION, Tower Bldg., 14th & K Sts., N. W., Washington, D. C. (Corp. M. May '30)

WASHINGTON WATER POWER CO., A. J. Turner, Box 1445, Spokane, Wash. (Corp. M. Nov. '30)

WATER LEAK DETECTOR CO., S. F. Ferguson, Mgr., 155 N. Third St., Columbus, O. (Assoc. M. Apr. '37)

WATERMAN, EARLE LYTTON, Prof. San. Eng., 104 Eng. Hall, Univ. of Iowa, Iowa City, Iowa (Dec. '22) *Director '39–.*

WATERTOWN WATER WORKS, Harold J. Haley, Supt., Water Dept., City Hall, Watertown, N. Y. (Corp. M. June '09)

WATER WORKS & SEWERAGE, 330 South Wells St., Chicago, Ill. (Assoc. M. June '29)

WATER WORKS ENGINEERING, Editorial Dept., 24 W. 40th St., New York, N. Y. (Assoc. M. June '19)

WATER WORKS SUPPLY CO., 501 Howard St., San Francisco, Calif. (Assoc. M. Apr. '28)

WATKINS, J. S., Cons. Engr., 564-5-7 McClelland Bldg., Lexington, Ky. (Aug. '33)

WATKINS, SAMUEL C., Supt., Water Dept., Aberdeen, Wash. (Apr. '29)

WATKINS, WILLIAM W., Supt., Water Dept., 130 East St., Oneonta, N. Y. (June '22)

WATSON, GEORGE A., JR., Supt. of Public Works, Lewiston, N. Y. (July '37)

WEAGRAFF, CHAS. R., Supt., 41 Main St., Salamanca, N. Y. (July '35)

WEATHERFORD, L. L., Supt., Atchison Water Co., P. O. Box 374, Atchison, Kan. (May '30)

WEAVER, ALLEN J., Box 628, Jacksonville, Fla. (July '35)

WEAVER, STUART M., Supt., Water Bur., Montclair, N. J. (Jan. '25)

WEAVER, W. H., City Engr. & Supt. Water Works, City Hall, Decatur, Ga. (Jan. '38)

WEBB, LEROY C., Supt. of Water, Gridley, Calif. (Oct. '37)

WEBB, S. W., Dist. Mgr., Consumers Power Co., Cadillac, Mich. (Jan. '21)

WEBB, VAN G., Mgr., Pittsburgh Testing Lab., 816 Howard Ave., New Orleans, La. (July '37)

WEBER, FRED W., Waterworks Contractor, 8442 California Ave., South Gate, Calif. (Jan. '37)

WEBSTER, A. D., Supt., Municipal Water, Light & Ice Plant, 135 E. Water St., Orrville, O. (July '29)

WEBSTER, FRED D., Asst. Pacific Coast Mgr., National Meter Co., 1048 Folsom St., San Francisco, Calif. (Oct. '37)

WECKWERTH, H. F., Supt., Kaukauna Water Works, Kaukauna, Wis. (June '30)

WEED, FREDERICK H., Div. Engr., Ohio River Div., Water & Power Bd., Flood Control Bur., 1805 Arrott Bldg., Pittsburgh, Pa. (Nov. '25)

WEEKES, CLAUDE H. (See Fresno City Water Department)

WEIDLEIN, E. R., Sc. D., Mellon Ins. of Ind. Research, Thackeray & O'Hara Sts., Pittsburgh, Pa. (June '24)

WEIDNER, HAYES, Supt. of Water & Sewers, 516 N. Leroux St., Flagstaff, Ariz. (July '32)

WEILER, LOUIS C., Supt., Dept. of Water Supply, Bergen Bldg., Bronx, New York, N. Y. (May '30)

WEIR, PAUL, Hemphill Ave. Station, Atlanta Water Works, Atlanta, Ga. (Dec. '29)

WEIR, W. H., State Board of Health, 138 State Capitol Bldg., Atlanta, Ga. (Dec. '24) *Director '35-'37.*

WEIR, W. VICTOR, Supt., St. Louis County Water Co., 6600 Delmar Blvd., University City, Mo. (July '24)

WEISENBERGER, VICTOR, Supt., Tell City Water Dept., Tell City, Ind. (May '28)

WELCH, W. A., Industrial Chemical Sales Co., 1002 Lincoln St., Tyrone, Pa. (Jan. '36)

WELD, A. J. (See Redlands City Water Dept.)

WELDON, WILLIAM B., Asst. Engr., 404 City Hall, Chicago, Ill. (July '38)

WELLAND BOARD OF WATER COMMISSIONERS, J. C. Street, Supt., Welland, Ont., Can. (Corp. M. May '20)

WELLS, SIDNEY W., Asst. Chemist, Chesapeake & Ohio Ry., Peru, Ind. (Apr. '37)

WELSFORD, H. R., San. Engr., Pa. State Dept. Health, 413 First National Bank Bldg., Greensburg, Pa. (Apr. '27)

WENTWORTH, FRANKLIN H., Managing Dir., National Fire Protection Assn., 60 Batterymarch St., Boston, Mass. (May '24)

WENTWORTH, JOHN P., Cons. Engr., Metcalf & Eddy, Cons. Engrs., 1300 Statler Bldg., Boston, Mass. (July '26)

WENZEL, HERMAN C. (See St. Paul Board of Water Commissioners)

WERTH, C. W., Asst. Supt. of Filtration, Board of Water Commissioners, 3363 W. Clyde Pl., Denver, Colo. (Jan. '36)

WERTZ, C. F., 1522 Woolworth Bldg., New York, N. Y. (Mar. '24)

WEST, CHAS. C., Gen. Mgr., Sayre Water Co., Sayre, Pa. (Dec. '22)

WESTERN CITY, 448 S. Hill St., Los Angeles, Calif. (Assoc. M. Sept. '29)

WESTERN CONSTRUCTION PUBLICATIONS, INC., 333 Kearny St., San Francisco, Calif. (Assoc. M. Apr. '28)

WESTERN PIPE & STEEL CO. OF CALIF., 444 Market St., San Francisco, Calif. (Assoc. M. Aug. '24)

WEST LAFAYETTE WATER WORKS CO., E. B. Vawter, Pres., 117 Vine St., West Lafayette, Ind. (Corp. M. Apr. '34)

WESTON, ARTHUR D., Chf. Engr., Mass. Dept. of Public Health, 511A State House, Boston, Mass. (July '31)

WESTON, ROBERT SPURR, Cons. San. Engr., 14 Beacon St., Boston, Mass. (June '98) *Hon. Member '30. Director '36–'38.*

WESTON, ROY F., Dept. San. Engr., New York Univ., University Heights, New York, N. Y. (July '37)

WEST PALM BEACH WATER CO., J. R. Tanner, Drawer B.-25, West Palm Beach, Fla. (Corp. M. Apr. '30)

WEST, VERNON F., Consumers Water Co., Box 151, Pearl St. Station, Portland, Me. (June '14)

WEST VIRGINIA PULP & PAPER CO., Industrial Chemical Sales Div., 230 Park Ave., New York, N. Y. (Assoc. M. May '31)

WETTER, CLARENCE H., Supt. of Water Works, Tiffin, O. (July '15)

WEYMOUTH, ALVIN L., Comm. of Public Works, 309 Front St., Santa Cruz, Calif. (Jan. '37)

WHEDBEE, EDGAR, 4311 Hartford St., Dallas, Tex. (June '26)

WHEELER, ROBERT C., Barker & Wheeler, 36 State St., Albany, N. Y. (Oct. '14)

WHELCHEL, H. E., Supt., Water Works, College Park, Ga. (Nov. '30)

WHETSTONE, JOSEPH A. (See Seattle Water Dept.)

WHIPPLE, MELVILLE C., Asst. Prof. of San. Chemistry, Harvard Univ., 112 Pierce Hall, Cambridge, Mass. (May '22)

WHITAKER, M. B. (See Knoxville Water Dept.)

WHITAKER, OTTO C., Pneumatic Machinery Co., 707 E. 61st St., Los Angeles, Calif. (Oct. '29)

WHITBY PUBLIC UTILITY COMMISSION, H. L. Pringle, Supt., Municipal Waterworks Dept., Whitby, Ont., Can. (Corp. M. Feb. '24)

WHITCOMB, LEON R., San. Engr., 2402 Market St., Philadelphia, Pa. (Apr. '37)

WHITE, CHARLES F., Engr., 195 Wellesley St., Toronto, Ont., Can. (Apr. '33)

WHITE, CHARLES H., Box 744, Asbury Park, N. J. (May '24)

WHITE, ENSLEY M., Munic. Engr., 15 St. Nicholas Pl., Red Bank, N. J. (July '37)

WHITE, GEORGE W., The Harwood Beebe Co., 208 Montgomery Bldg., Spartanburg, S. C. (Dec. '24)

WHITE, GUY H., Supt. of Water Plant, 2217 Gadsden St., Columbia, S. C. (Nov. '25)

WHITE, HENRY M., Supt. of Water Works, Oneida, N. Y. (May '22)

WHITE, HERBERT L., San. Engr., Univ. of Illinois, 256 Administration Bldg., W., Urbana, Ill. (Jan. '32)

WHITE, HOMER C., Dept. of Water & Power, City of Los Angeles, Box 240, Arcade Annex, Los Angeles, Calif. (Oct. '37)

WHITE, JOHN C., State Power Plant Engr., 624 E. Main St., Madison, Wis. (May '30)

WHITE PLAINS DEPT. OF PUBLIC WORKS, William I. Collyer, Water Supt., White Plains, N. Y. (Corp. M. July '16)

WHITE, STEWART H., Supt. of Utilities, 138 W. Front St., Port Angeles, Wash. (May '34)

WHITE, WM. WALLACE, San. Engr., Nevada Public Health Service, 25 Fordonia Bldg., Reno, Nev. (July '37)

WHITELEY, DONALD, Water Engr. & Mgr., Water Dept., 4 Lindun Rd., Lincoln, England (Feb. '31)

WHITLOCK, C. B., Mgr., West Virginia Water Service Co., Madison, W. Va. (July '35)

WHITLOCK, ERNEST W., Engr., Fuller & McClintock, 11 Park Pl., New York, N. Y. (May '30)

WHITMAN, EARL R., Draftsman, Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Oct. '35)

WHITMAN, EZRA B., Whitman, Requardt & Smith, Engrs., West Biddle St. at Charles, Baltimore, Md. (Apr. '10)

WHITMAN, N. D., Chief Engr., American Concrete & Steel Pipe Co., P. O. Box 1428 Arcade Station, Los Angeles, Calif. (Sept. '29)

WHITTAKER, H. A., Dir., Div. of Sanitation, State Board of Health, Minneapolis, Minn. (June '13)

WHITTIER, CITY OF, M. R. Bowen, City Water Supt., City Hall, Whittier, Calif. (Corp. M. Dec. '26)

WHITTIER, W. E., Div. Engr., Div. No. 2, Metropolitan Water Dist., Rice, Calif. (Oct. '31)

WHYSALL, GEORGE, Mgr., Marion Water Co., Marion, Ohio (Oct. '28)

WICKHAM, R. B., Supt. of Power, Langdale, Ala. (July '38)

WIEDEMAN, H. F., Wiedeman & Singleton, Inc., P. O. Box 1878, Atlanta, Ga. (Mar. '25) *Director '32-'34.*

WIEGHARDT, GEORGE F., Hyd. Engr., 1337 Dickerson Rd., West Englewood, N. J. (Mar. '24)

WIEL, KURT, City Engr., Miles City, Mont. (Feb. '34)
WIETERS, A. H., Chf. Engr., Div. of San. Eng. & Housing, State Dept. of Health, Des Moines, Iowa (Nov. '21)
WIGGIN, THOS. H., Cons. Engr., 90 Broad St., New York, N. Y. (May '22)
WIGHT, CECIL DOUGLAS, Asst. Water Works Engr., Transportation Bldg., Ottawa, Can. (Jan. '38)
WIGLEY, CHESTER G., 16 East Drive, Marven Gardens, Atlantic City, N. J. (Apr. '10)
WILBERT, AARON, Seaside Park, N. J. (July '35)
WILBUR, C. C., Chief Engr., Minneapolis—St. Paul San. Dist., P. O. Box 3598, Childs Road, St. Paul, Minn. (Feb. '24)
WILCOX, WILLIAM F., M. E., P. O. Box 698, Atlanta, Ga. (Sept. '93)
WILDIG, G. A. (See Laguna Beach County Water District)
WILEY, RALPH B., Prof. of San. Eng., Purdue Univ., 777 Russell St., West Lafayette, Ind. (Apr. '34)
WILKES, J. FRED, Chemist, Water Supply Dept., Chesapeake & Ohio Ry., 407 C & O Station Annex, Huntington, W. Va. (Oct. '37)
WILLARD, ERNEST C., Cons. Engr., 720 Corbett Bldg., Portland, Ore. (Oct. '14)
WILLCOMB, GEORGE E., San. Engr., 12 S. Lyons Ave., Albany, N. Y. (Apr. '22)
WILLETT, W. M., Gen. Mgr., Western United Gas & Electric Co., 70 Fox St., Aurora, Ill. (Sept. '18)
WILLIAMS, C. B., Supt., Water & Light, Lexington, N. C. (Jan. '36)
WILLIAMS, C. C., Box 36, Bloomington, Ill. (July '35)
WILLIAMS, CHAPPLE C., Chief Chlorine Operator, Bur. of Water Works & Supply, Box 240, Arcade Annex, Los Angeles, Calif. (Apr. '36)
WILLIAMS, CHAS. H., City Engr. & Water Supt., 826 Percival St., Olympia, Wash. (July '34)
WILLIAMS, CHARLES P., Res. Engr., Possum Kingdom Dam, Baker Hotel Mineral Wells, Tex. (Nov. '32)
WILLIAMS, CLYDE E., Engr., State Board of Health, State House Annex, Indianapolis, Ind. (July '37)
WILLIAMS, G. A., Supt. of Utilities, P. O. Drawer 400, The Pas, Man., Can. (Jan. '37)
WILLIAMS, GEORGE, Supt.-Treas., Honesdale Consolidated Water Co., 110—9th St., Honesdale, Pa. (July '36)
WILLIAMS, HOWARD L., Supt., Water Works, Ludington, Mich. (Aug. '94)
WILLIAMS, LEON G., 573 Potomac Ave., Buffalo, N. Y. (July '28)
WILLIAMS, L. O., JR., State San. Engr., State Dept. of Public Health, Cheyenne, Wyo. (Jan. '36)
WILLIAMS, MACON M., Lenoir, N. C. (July '35)
WILLIAMS, ROY CAMPBELL, Asst. Engr., 404 City Hall, Chicago, Ill. (Apr. '38)
WILLIAMS, STANLEY N., Civil Engr., 117 Grace St., Roselle, N. J. (July '36)
WILLIAMS, W. S., Supt. Water Dept., 1103 Randolph St., Traverse City, Mich. (July '35)
WILLIAMSON, CLIFF T. (See Macon Board of Water Commissioners)
WILLIAMSON, R. C., Canadian Industries, Ltd., P. O. Box 1260, Montreal, Que., Can. (July '37)
WILLIAMSPORT WATER CO., 253 West 4th St., Williamsport, Pa. (Corp. M. Apr. '07)

WILLIS, FRANK T., C. C. M. O. Co., Water Plant, Box 68, McKittrick, Calif. (Sept. '29)

WILLIS, RANDOLPH, Asst. Constr. Engr., Washington Suburban San. Dist., Hyattsville, Md. (July '37)

WILLS, W. COMPTON, Mgr. & Chief Engr., Water Dept., 16th & Market Sts., Wilmington, Del. (July '26)

WILSON, A. A. (See Wahiawa Water Co., Ltd.)

WILSON, CARL, 405 S. Hill St., Los Angeles, Calif. (June '28)

WILSON, E. J. F., Wiley & Wilson, Cons. Engrs., 908 Peoples National Bank Bldg., Lynchburg, Va. (Apr. '36)

WILSON, EDGAR KENNARD, Chief Engr., The Pitometer Co., 50 Church St., New York, N. Y. (Mar. '26)

WILSON, GUY L., Local Supt., Washington Water Power Co., Lewiston, Idaho (July '34)

WILSON, I. E., Water Comm., City Hall, Faribault, Minn. (Sept. '22)

WILSON, PERCY S., 325 Washington St., Glen Ridge, N. J. (July '26)

WINDER, FRANK M. (See Trenton Water Works)

WINDER, J. B., Supt., Dallas City Water Works, 112 City Hall, Dallas, Tex. (Oct. '35) *Director '37–'39.*

WINDSOR UTILITIES COMMISSION, Garret A. Edwards, Ch., Hydro Bldg., Windsor, Ont., Can. (Corp. M. Apr. '31)

WING, FREDERICK K., Cons. Engr., 1314 Prudential Bldg., Buffalo, N. Y. (Apr. '37)

WINKLE, CHARLES W., Supt., Maintenance & Transportation, Indianapolis Water Co., 620 W. Market St., Indianapolis, Ind. (Dec. '24)

WINONA BOARD OF MUNICIPAL WORKS, H. A. Ahrens, Secretary, Winona, Minn. (Corp. M. Dec. '22)

WINSLOW, C. E. A., Yale Medical School, New Haven, Conn. (Jan. '15)

WINSLOW, EDWARD L., JR., 34 Taylor Blvd., Harrisburg, Pa. (Apr. '30)

WINSLOW, F. L., Sect. & Treas., Plainfield-Union Water Co., Plainfield, N. J. (July '35)

WINSOR, FRANK E., Chief Engr., Metropolitan Dist. Water Supply Comm., 20 Somerset St., Boston, Mass. (Jan. '24)

WINTERTON, L. C., Cons. Engr., Pascagoula, Miss. (Apr. '38)

WISE, WILLIAM H., Topo. Draftsman, Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif. (Apr. '38)

WISE, WILLIAM R., Clemson College, 2003 Johnstone St., Newberry, S. C. (Jr. M. Apr. '38)

WITHERS, NEWTON, Dist. Mgr., "Western Construction News," 206 S. Spring St., Los Angeles, Calif. (Oct. '32)

WOLBERT, H. E., Supt., Board of Water Supply, Mount Vernon, N. Y. (May '16)

WOLFE, EDWARD E., Chemist, Water Dept., Hannibal, Mo. (Apr. '22)

WOLFE, THOMAS F., Research Engr., Cast Iron Pipe Research Assn., 309 Peoples Gas Bldg., Chicago, Ill. (Mar. '22)

WOLFF, WILLIAM R., Assoc. Valuation Engr., Public Service Comm., 80 Centre St., New York, N. Y. (Mar. '30)

WOLMAN, ABEL, Prof. of San. Eng., Johns Hopkins Univ., Baltimore, Md. (Mar. '18) *Editor '22–'37. Diven Medal '37.*

WOLTMAN, J. J., C. E., 225 Unity Bldg., Bloomington, Ill. (May '23)
WOMACK, CHESTER, Supt., Water Works, McMinnville, Tenn. (July '35)
WOOD, C. LELAND, Supt. of Municipal Comm., Herkimer, N. Y. (July '27)
WOOD, GEORGE PILLSBURY, Supt., Board of Water Commissioners, Municipal Bldg., Peekskill, N. Y. (Jan. '31)
WOOD, JAMES, Eng. Inspector of Water Works, 215 Walnut St., Peekskill, N. Y. (Apr. '37)
WOOD, LEONARD P., Asst. Engr., Board of Water Supply, 346 Broadway, New York, N. Y. (Mar. '24) *Diven Medal '34.*
WOOD, R. D. Co., 400 Chestnut St., Philadelphia, Pa. (Assoc. M. Apr. '84)
WOOD, THEODORE V., R. D. Wood Co., 400 Chestnut St., Philadelphia, Pa. (Apr. '30)
WORTHINGTON-GAMON METER CO., Harrison, N. J. (Assoc. M. May '20)
WORTHINGTON PUMP & MACHINERY CORP., Harrison, N. J. (Assoc. M. June '01)
WRENCH, JOSEPH, Sales Mgr., Industrial Chemical Sales Div., West Virginia Pulp & Paper Co., 230 Park Ave., New York, N. Y. (Jan. '37)
WRIGHT, C. W., Pres., Badger Meter Mfg. Co., 2357-71 N. 30th St., Milwaukee, Wis. (Mar. '27)
WRIGHT, G. E. (*See* Corning Water Works)
WRIGHT, JAMES, Supt., Dundas Water Works, Dundas. Ont., Can. (Apr. '24)
WRIGHT, LE ROY H., Supt. of Water Works, City Hall, Newark, N. Y. (Apr. '27)
WRIGHT, LORIN O., Filter Operator & Chemist, City Water, Light & Power Dept., 1516 S. Spring St., Springfield, Ill. (Apr. '37)
WUESTE, R. C., Supervisor, Water Supply, 208 Pacific Bldg., San Diego, Calif. (May '25)
WYANT, CARL, Res. Engr., Montecito County Water Dist., 583 San Ysidro Rd., Santa Barbara, Calif. (Mar. '24)
WYCKOFF, CHARLES R., 1239 New York Post Rd., Scarsdale, N. Y. (Apr. '18)
WYCKOFF, H. A., Prof. of Bacteriology, Georgia School of Technology, Atlanta, Ga. (Apr. '38)
WYCKOFF, WAYNE W., Asst. Civil Engr., Box F, West Portal, Bishop, Calif. (Oct. '34)
YANG, CHIEN-LOH, Chief Chemist, The Shanghai Nantao Water Works Co., Ltd., P. O. Box 2043, Shanghai, China (July '37)
YAXLEY, R. GORDON, Supt. to Water Commissioners, Waterford, N. Y. (Oct. '25)
YEGEN, WILLIAM, Supt. of Filtration Plant, 422-9th St., Bismarck, N. D. (June '27)
YORK, TOWNSHIP OF, O. M. Falls, Comm. of Works, 40 Jarvis St., Toronto, Ont., Can. (Corp. M. July '32)
YOUNG, C. H., Dist. Engr., Pennsylvania Dept. of Health, Trust Bldg., Meadville, Pa. (June '29)
YOUNG, GEORGE RICHMOND, Village Mgr., Village Hall, Glencoe, Ill. (July '28)
YOUNG, HUGH L., Salesman, Western Pipe & Steel Co., 444 Market St., San Francisco, Calif. (Oct. '37)
YOUNG, T. L., Mgr., South Side Water Works Co., Chester, W. Va. (June '21)
YOUNGQUIST, R. CLIFFORD, 598 E. Second St., Los Angeles, Calif. (Jan. '38)

YOUNGSTOWN SHEET & TUBE Co., E. Harrison Thwaits, Cons. Engr., Water Works Div., Stambaugh Bldg., Suite 614, Youngstown, O. (Assoc. M. Jan. '37)

YOW, W. E., Supt., Water Dept., Asheboro, N. C. (Dec. '33)

ZANETTI, FRANCISCO E., Chemist & Bacteriologist, Havana Water Works, P. O. Box 1742, Havana, Cuba (Feb. '30)

ZAPATA, F. A., Rep., U. S. Pipe & Foundry Co., Apartado 99, Mexico, D. F., Mexico (July '38)

ZAPF, CHAS. F. (See Ventura City Water System)

ZAPFFE, CARL, Box 93, Brainerd, Minn. (July '35)

ZELNICK, ERNEST W., Civil Engr., Illinois Water Service Co., 122 N. Walnut St., Champaign, Ill. (July '37)

ZUFELT, JEROME C., Filtration Plant Supt., 418 St. Clair Ave., Sheboygan, Wis. (Oct. '31)

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(Corporate Members are also listed in the consolidated list of members. See that list for addresses and other data)

Adirondack Water Works
Allentown Bureau of Water
American Water Works & Electric Company, Inc.
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Anderson, City of
Anheuser-Busch, Inc.
Ann Arbor Water Department
Argentina, Obras Sanitarias de la Nación
Auburn Water Department
Austin Board of Water, Electric, Gas & Power Commissioners
Barrie Water, Light & Gas Commission
Batavia, City of
Baton Rouge Water Works Company
Belleville Public Utilities Commission.
Bernard Company, Inc.
Beverly Hills Water Department
Binghamton Bureau of Water
Birmingham Water Company
Bloomfield, Town of
Boulder Water Department
Bozeman, City of
Brantford Public Utilities Commission
Buffalo Division of Water
Buffalo Niagara Electric Corporation
Burbank Public Service Department
California Water & Telephone Company
Canon City
Casper, City of
Cedar Rapids Water Works
Central Power & Light Company
Charleston Commissioners of Public Works
Chatham Board of Water Commissioners
Chillicothe Water Company
Citizens Utilities Company
Citizens Water Supply Company of Newtown
Cobourg Public Utilities Commission
Community Water Service Company
Corning Water Works
Crown Point Water Department, City of
Cullman, City of
Delavan Water Commission
Deming Water Department
Denver, City & County of, Board of Water Commissioners
Deseronto Public Utilities Commission
Des Moines Water Works
District of Columbia Water Department
Dover Water Commissioners
Dunkirk Board of Water Commissioners
Dunnville Public Utilities Commission
Durham Water Department
East Aurora, Village of
East Bay Municipal Utility District
East Chicago Department of Water Works
East Helena, City of
East York, Township of
Ebasco Services, Inc.
Elkhorn Light & Water Commission
Elmira Water Board
Emporium Water Company.
Endicott Water Works Company
Evansville Department of Water Works
Everett Water Department
Federal Light & Traction Company
Fire Underwriters Inspection Bureau
Fishers Island Farms, Inc.
Flint Water Department
Fond du Lac City Water Department
Fort Collins, City of
Fresno City Water Department
Gainesville, City of
Gananoque Water Works Commission
General Management Corporation
General Utilities Company, Ltd.
Glendale Public Service Department
Glen Ridge Water Department
Glens Falls Board of Water Commissioners

Goteborgs Vattenledningsverk
Grand Rapids Filtration Plant
Great Falls, City of
Greeley, City of
Green Bay Water Department
Griffin Light, Water & Sewerage Department
Grimsby Water Commission
Guatemala City Compania Del Agua Del Mariscal, S. A.
Harlan Municipal Water Works
Hastings Board of Public Works
Hawaiian Pineapple Company, Limited
Healdsburg, City of
Helena, City of
Helsingborg Water Department
Hibbing Water, Light, Power & Building Commission
Hickory, City of
Hicksville Water District
Hillside Distribution Company
Holland Water District No. 1
Hollister Water Company
Honolulu, Board of Water Supply
Hot Springs Water Company
Houston Water Department, City of
Huntington Water Works
Idaho Surveying & Rating Bureau
Idaho, University of
Ilion Board of Water Commissioners
Illinois Inspection Bureau
Indiana Bureau of Sanitary Engineering.
Indiana Department of Conservation
Jerome Water Company
Johnson City Water Department
Julesburg, Town of
Kansas City Water Department
Kapuskasing, Corporation of Town of
Kenosha Water Department
Kentucky State Board of Health
Kentucky-Tennessee Light & Power Company
Kentucky Utilities Company
Kitchener Water Commission
Knoxville Water Department
Lafayette Water Works
Laguna Beach County Water District
Lake Forest Water Department
Lakewood Water Company
Lansing Board of Water & Electric Light Commissioners
LaPorte Water Works
Lawrence City Water Department
Lewistown-Reedsville Water Company
Lincoln City Water & Light Department
Little Rock Municipal Water Works
Livingston Municipal Water Department
Lompoc Light & Water Department
London Public Utilities Commission
Long Beach, City of
Long Beach Water Commission
Los Angeles Department of Water & Power
Louisville Water Company
Loveland, City of
Macon Board of Water Commissioners
Malmo Byggnadskontor
Manila Metropolitan Water District
Mason City Water Department
Maybrook Water Board
McMinnville Water & Light Department
Medford Water Commission
Melbourne & Metropolitan Board of Works
Memphis Board of Light & Water Commissioners
Merritton Public Utilities Commission
Mexico Banco Nacional Hipecario Urbano y de Obras Publicas, S. A.
Middletown Water Department
Midland Public Utilities Commission
Milford Water Company
Millville Water Company
Minneapolis Committee on Water Works
Mishawaka City Water & Electric Departments
Moline Water Works
Monroe Avenue Water District
Montauk Beach Development Corporation
Montgomery Board of Water Commissioners
Mount Airy City Water Department
Mount Holly Water Company
Mountain View Suburban Water Company
Muscatine City Water Works
National Lead Company
New Jersey State Water Policy Commission
New Jersey Water Company
New Mexico Power Company
New Mexico Power Company, Agua Pura Division
New Orleans Sewerage & Water Board
New Toronto Public Utilities Commission
New Westminster, City of
North Bay, City of
Northeastern Water & Electric Service Corp.

Northern Indiana Public Service Company
North Jersey District Water Supply Commission
North York, Township of
Oakville Water & Light Commission
Ocala City Water Department
Oconomowoc Water Department
Oil City Bureau of Water
Olean Board of Water Commissioners
Omaha Metropolitan Utilities District
Orillia Water, Light & Power Commission
Oshawa Public Utilities Commission
Oswego Department of Water
Ottawa, City of
Owego Water Works
Paducah Water Works
Palisades Interstate Park Commission
Palm Springs Water Company
Pasadena Water Department
Pennichuck Water Works
Peterborough Utilities Commission
Philadelphia Suburban Water Company
Pittsburg Municipal Water Company
Port Hope Waterworks Commission
Portland Bureau of Water Works
Portland Cement Association
Poughkeepsie Board of Public Works
Preston Light & Water Commission
Princeton Water & Lighting Company
Providence Department of Public Works
Public Service Company of Indiana
Purity Springs Water Company, Inc.
Quincy Water Works Commission
Ramsey Water Works
Reading Bureau of Water
Redlands City Water Department
Regina Water Works Department
Riverside Water Department
Rome Bureau of Water
Rubio Canon Land & Water Association
Sacramento Division of Water
St. Marys Public Utilities Commission
St. Paul Board of Water Commissioners
St. Thomas, City of
Salina Water Department
Salt Lake City Water Department
San Bernardino Board of Water Commissioners
San Diego Water Department
San Fernando Water Department
San Francisco Water Department
San Jose Water Works
Santa Ana Valley Irrigation Company
Santa Ana Water Department
Santa Barbara, City of
Santa Monica, City of
Scarborough Public Utilities Commission
Schenectady, City of
Scranton-Spring Brook Water Service Company
Seattle Water Department
Seneca Falls Water Department
Sewickley Commissioners of Water Works
Sheboygan Board of Water Commissioners
Shenango Valley Water Company
Sherill-Kenwood Water Commission
Sierra Pacific Power Company
Silver Creek Water Works
Simcoe Public Utilities Commission
Sioux Falls Water Works
South Jersey Association of Water Superintendents
Southern California Water Company
Spokane Water Division
Springfield, City of
Strathroy Public Utilities Commission
Suburban Water Company
Suburban Water Company of Allegheny County
Syracuse Department of Engineering
Teck, Township of
Tilbury Public Utilities Commission
Tillsonburg Public Utilities Commission
Timmins, Corporation Town of
Toronto Department of Works
Trenton Water Works
Troy Bureau of Water
Tulare Water Department, City of
Tulsa Water Department
Tuscaloosa, City of
Utrechtsche Waterleiding-Maatschappij
Valparaiso Department of Waterworks
Ventura City Water System
Vernon, City of
Wahiawa Water Company, Ltd.
Waitsburg, City of
Warrenton Water Company
Washington Suburban Sanitary Commission
Washington Water Power Company

Watertown Water Works
Welland Board of Water Commissioners
West Lafayette Water Works Company
West Palm Beach Water Company
Whitby Public Utility Commission
White Plains Department of Public Works
Whittier, City of
Williamsport Water Company
Windsor Utilities Commission
Winona Board of Municipal Works
York, Township of

ASSOCIATE MEMBERS

(Associate Members are also listed in the consolidated list of members. See that list for addresses and other data)

Activated Alum Corporation
Addressograph-Multigraph Corporation
Allis-Chalmers Manufacturing Company
Ambursen Construction Company, Inc.
American Brass Company
American Cast Iron Pipe Company
American City
American Colloid Company
American Concrete Pipe Association
American Cyanamid & Chemical Corporation
American Foundry & Manufacturing Company
American Rolling Mill Company
American Water Softener Company
Aquatite Company, Inc.
Art Concrete Works
Atlas Mineral Products Company of Pennsylvania
Atlas Powder Company
Babcock & Wilcox Company
Badger Meter Manufacturing Company
Barrett Company
Bethlehem Steel Company
Bingham & Taylor Corporation
Bird-Archer Company
Bird-Archer Company, Ltd.
Birch Manufacturing Company
Bourbon Copper & Brass Works Company
Buffalo Meter Company
Buffalo Pipe & Foundry Corporation
Builders Iron Foundry
Burroughs Adding Machine Company
Byers, A. M., Company
Byron Jackson Company
California Corrugated Culvert Company
Canadian Engineer
Carson-Cadillac Corporation
Central Equipment Sales Corporation
Central Foundry Company
Chapman Valve Manufacturing Company
Chase Brass & Copper Company
Chicago Bridge & Iron Works
Clark, H. W., Company
Cliffs Dow Chemical Company
Clow, James B., & Sons
Consolidated Chemical Industries, Inc.
Cook, A. D., Inc.
Copper & Brass Research Association
Crane Company
Culligan Zeolite Company
Cutler-Hammer, Inc.
Darco Corporation
Darling Valve & Manufacturing Company
DeLaval Steam Turbine Company
Diamond Alkali Company
Dixie Lime Products Company
Dixie Mill Supply Company, Inc.
Donaldson Iron Company
Dorr Company, Inc.
Dresser, S. R., Manufacturing Company
Eddy Valve Company
Edson Corporation
Electro Bleaching Gas Company
Engineering News-Record
Everson Manufacturing Company
Fairbanks, Morse & Company
Farnan Brass Works Company
Federal Pipe & Tank Company
Flexible Sewer Rod Equipment Company
Ford Meter Box Company
Foxboro Company
General Chemical Company
General Paint Corporation
Gillespie, T. A., Company
Glamorgan Pipe & Foundry Company
Golden-Anderson Valve Specialty Company
Great Western Electro-Chemical Company
Griffin Foundry & Machine Company
Grinnell Company, Inc.
Gurley, W. & L. E.
Hanks, Fred W., Company
Hayman, Michael, & Company, Inc.
Hays Manufacturing Company
Hendrie & Bolthoff Manufacturing & Supply Company
Hersey Manufacturing Company

Homelite Coporation
Hooker Electrochemical Company
Hydraulic Development Corporation
International Filter Company
Iowa Valve Company
Jeffrey Manufacturing Company
Jenkins Brothers
Johns-Manville Sales Corporation
Johnson City Foundry & Machine Company
Johnson, Edward E., Inc.
Keasbey & Mattison Company
Kennedy Valve Manufacturing Company
Koppers Company, Western Gas Division
Layne & Bowler, Inc.
Layne-Atlantic Company
Lead Industries Association
Lead Lined Iron Pipe Company
Leadite Company, Inc.
Lock Joint Pipe Company
Ludlow Valve Manufacturing Company
Lynchburg Foundry Company
M & H Valve & Fittings Company
Mabbs Hydraulic Packing Company
Mathieson Alkali Works, Inc.
McKesson-Churchill Drug Company
McWane Cast Iron Pipe Company
Monsanto Chemical Company, Merrimac Division
Mueller Brass Company
Mueller Company
Multiplex Manufacturing Company
National Aluminate Corporation
National Meter Company
National Tube Company
National Water Main Cleaning Company
Neptune Meter Company
Nutting, H. C., Testing Engineers
Ohio Salt Company
Pacific States Cast Iron Pipe Company
Pardee Engineering Company
Paxton-Mitchell Company
Peerless Pump Company
Pelton Water Wheel Company
Pennsylvania Salt Manufacturing Company
Permutit Company
Petroleum Iron Works Company
Phipps & Bird, Inc.
Phoenix Meter Corporation
Pitometer Company
Pittsburgh-Des Moines Steel Company
Pittsburgh Equitable Meter Company
Pomona Pump Company
Public Works
Refinite Company
Reilly Tar & Chemical Corporation
Reliable Iron Foundry
Remington Rand, Inc.
Rensselaer Valve Company
Republic Steel Company
Revere Cooper & Brass, Inc.
Reynolds Manufacturing Company
Rich Manufacturing Company, Ltd.
Roberts Filter Manufacturing Company
Ross Valve Manufacturing Company, Inc.
Salomon, L. A., & Brother
Shelt Company
Simplex Valve & Meter Company
Smith, A. P., Manufacturing Company
Smith, S. Morgan, Company
Solvay Sales Corporation
Sparling, R. W.
Stannard Power Equipment Company
Steel Tank & Pipe Company of California
Sterling Engine Company
Syntron Company
Tate Processes
Thomson Meter Company
United Concrete Pipe Company
United States Pipe & Foundry Company, Birmingham
United States Pipe & Foundry Company, Philadelphia
United States Steel Corporation
Universal Gear Corporation
Victaulic Company of America
Vogt Manufacturing Company
Wailes Dove-Hermiston Corporation
Wallace & Tiernan Company, Inc.
Warren Foundry & Pipe Company
Water Leak Detector Company
Water Works & Sewerage
Water Works Engineering
Water Works Supply Company
West Virginia Pulp & Paper Company, Industrial Chemical Sales Division
Western City
Western Construction Publications, Inc.
Western Pipe & Steel Company of California
Wood, R. D., Company
Worthington-Gamon Meter Company
Worthington Pump & Machinery Corporation
Youngstown Sheet & Tube Company

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Montgomery: Beck, Cowham, Hazlehurst, Milford, Salter
Selma: Thalheimer
Sylacauga: Parker
Talladega: Dougherty
Tuscaloosa: City of Tuscaloosa
University: Dunstan, Gran

ARIZONA

Active and Honorary 7; Total 7

Flagstaff: Weidner
Phoenix: Bellinger, Bennett, McMorrow, Miller, Roberts
Tucson: Martin

ARKANSAS

Active and Honorary 13; Corporate 2; Total 15

Blytheville: Allen
Fairfax: Etchison
Forrest City: Barton
Fort Smith: Peck, Ullrich
Hot Springs: Hot Springs Water Co.
Jonesboro: Rebsamen
Little Rock: Crist, Jackson, Little Rock Municipal Water Works, Overman
Malvern: McDowell
Mansfield: Allen
Paragould: Phillips
Pine Bluff: Pittman
Springdale: Wages
Stuttgart: King
Van Buren: Nunn

CALIFORNIA

Active and Honorary 355; Corporate 35; Associate 17; Total 407

Alhambra: Clay
Altadena: Francis, Rubio Canon Land & Water Assn.
Anaheim: Hannum
Arcadia: Lee
Bakersfield: Dillon
Belmont: Curtis
Berkeley: Foreman, Gillespie, Graham, Gray, Hyde, Ingram, Jenks, Langelier, Reinke, Steel Tank & Pipe Co. of Calif.
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Burlingame: Schuck
Campbell: Hyde
Chico: Suters
Colton: Maxwell
Compton: Boardman
Concord: Blumberg
Corona: Scoville
Cudahy: Knott
Culver City: Patten
Dinuba: Toews
El Monte: Cleminson
Fairmont: Payne
Fontana: Hasbrouck
Fresno: Fresno City W. Dept.
Fullerton: Walters
Glendale: Glendale Public Service Dept., Lane, McIntyre
Gridley: Webb
Hanford: Isaac
Hayward: Smalley
Healdsburg: City of Healdsburg
Hollister: Hollister W. Co.

California—Continued
Huntington Park: Hamilton, Robinson
Independence: Lewis, Ritch
La Canada: Richards
Laguna Beach: Laguna Beach Co. W. Dist.
Lake Arrowhead: Van Nuys
La Mesa: Harritt
Lindsay: Trauger
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Lone Pine: Hoag
Long Beach: Brown, Harmon, Long Beach W. Comm., Porter
Los Angeles: Alexander, Allen, Anderson, Ashline, Aultman
Baker, Bayley, H. Bennett, S. M. Bennett, Bliss, Boettiger, Boschke, Bowen, Breitkreutz, Brinker, F. Brooks, T. Brooks, Brown, Bundy, Buratti, Byron Jackson Co.
Camy, Caplan, Carmien, Cassidy, Chamberlain, Chapin, Clarke, Clot, Copeland, Cunningham
Dandridge, Derby, Diemer, Dill, Dunn
Egan, Elder, Erwin, Estey, Evans
Fenton, Field, Fischer, Fitzgerald, Flexible Sewer Rod Equipment Co., Fox, Frank, Frick
Galvin, Gemperle, Ghiotto, Goit, Golden, Goudey, Graham, Grant
Hacker, Harnish, Harvey, Hayes, Heddell, Hemborg, Hewson, Hill, Hinds, Hubbard, Hurlbut
Itter
Jacques, Johnson, J. E. Jones, W. B. Jones
Keene, Kivari, Klein, Koebig, Koster
Larson, Lavelle, Lawson, Lawton, Lippincott, Los Angeles Dept. of W. & Power, Lugo, Luippold, Lyman Lynch
Malone, Mamrelli, Manock, Mattoon, Mayer, McEwen, McIntyre, Moss, Mowder, Nelson, Northrop
O'Leary, O. E. Olson, P. Olson, Owens
Phillips, Phillis, Pohl, Price, Proctor
Rawn, Read, Reliable Iron Foundry, Rich Mfg. Co. Ltd., Riddle, Ridenour, Rockfellow, Ruckman, Rudser, Runyon, Russell
Sanders, Shonerd, Shull, Skinner, Slane, E. O. Slater, L. N. Slater, Small, Smith, Socha, Sonderegger, Sopp, Southern California W. Co., Sparks, R. W. Sparling, Stevenson, Swanson, Swinney
Taylor, Thacker, Townsend, Trask
United Concrete Pipe Co.
Volk
G. A. Wall, V. N. Wall, Western City, Whitaker, White, E. R. Whitman, N. D. Whitman, Williams, Wilson, Wise, Withers
Youngquist
Madera: Owens
Manhattan Beach: Malcor
Martinez: Duncan, Kelleher
Marysville: Stolp
McKittrick: Willis
Menlo Park: Poulter
Merced: Casad
Millbrae: Arnold, De Martini, Medbery
Mojave: Fleming
Monrovia: Tonglet
Mountain View: Suburban W. Co.
National City: California W. & Telephone Co., Fiscus, Neill, Rice
Newark: Mastin
Newport Beach: McMillan, Patterson
Niles: Glassbrook
North Hollywood: Anderson, Aquatite Co., Owen, Poling
Oakland: Daniels, De Costa, Driggs, East Bay Munic. Utility Dist., Farrell, Faw, Forgey, Hunter, Jordan, Kennedy, Knudsen, Longwell, Manbert, Moullet, Osborn, Stevens, Storrs, Thatcher, Traver
Ojai: Clark
Ontario: Burt
Orange: Santa Ana Valley Irrigation Co.
Pacific Grove: Fast
Palm Springs: Palm Springs W. Co.
Palo Alto: McLachlan, Noble
Palos Verdes Estates: Johnson
Pasadena: Art Concrete Works, Cates, Jones, Pasadena W. Dept., Sopp, Thomas
Petaluma: Ellsworth
Pico: Robinson
Piedmont: Burnson
Pittsburg: Heck, Oliver, Pittsburg Munic. W. Co.
Pomona: Pedley, Pomona Pump Co.
Randsburg: Cornwall
Redding: Steinhauer
Redlands: Redlands W. Dept.
Redondo Beach: Nutting
Rice: Whittier
Riverside: Grayson, Riverside W. Dept.

California—Continued
Sacramento: Hawley, Hoskinson, Klaus, Sacramento Div. of W.
San Bernardino: San Bernardino Board of W. Comnrs.
San Diego: Rhodes, San Diego W. Dept., Wueste
San Fernando: San Fernando W. Dept.
San Francisco: Abbott, Andrews
Badger, Ballard, Barbee, Barker, Bauer, Beeny, Bell, Beyer, Blair, Bovard, Bragg
Cook
Dodge
Eckert, Elliott, Ellis
Flaa
Great Western Electro-Chemical Co.
Harris, Hausmann, Hommon, Hopkins, Hunter
Jones
Kempkey, Kennedy, Knoedler
Lee, Loveland
Martindale, Mau, McKay
Pelton Water Wheel Co., Peterson, Porter, Pracy
Reinhardt, Renshaw, Roberts
San Francisco W. Dept., Sharon, Smith, Springer, Stava
Wade, Walthall, Water Works Supply Co., Webster, Western Construction Publications Inc., Western Pipe & Steel Co. of Calif.
Young
San Jose: Ford, Green, San Jose W. W.
San Leandro: Taylor
San Marino: Arnold, Goble, Gram
San Mateo: Delaney
San Pedro: Monro
San Rafael: Peters
Santa Ana: Neighbour, Santa Ana W. Dept.
Santa Barbara: Pinkham, Santa Barbara W. Dept., Smith, Wyant
Santa Clara: Dixon
Santa Cruz: Fowler, Patterson, Tait, Weymouth
Santa Monica: Hostrup, City of Santa Monica
Santa Paula: Giacomazzi
Santa Rosa: Noyes
Sonora: Segerstrom
South Gate: Weber
South Pasadena: Goodspeed, Mudge
Stanford University: Morris, Reynolds
Stockton: K. W. Brown, R. F. Brown, Ingram
Susanville: Burnett
Taft: Rintoul
Torrance: Quandt, Stanger
Tulare: Pennebaker, Tulare W. Dept.
Tustin: Browning
Van Nuys: H. L. Bouey, J. H. Bouey
Ventura: Ventura City W. System
Vernon: City of Vernon
Visalia: Hunsaker
Watsonville: Kitchen
West Berkeley: California Corrugated Culvert Co.
Whittier: Bowen, Foulds, Hillside Distribution Co., Launer
Wilmington: Van Meter
Yorba Linda: Lewis

COLORADO

Active and Honorary 39; Corporate 7; Associate 1; Total 47
Boulder: Boulder W. Dept., Downing
Brush: Harness
Canon City: Brackney
Colorado Springs: Truman
Denver: Bardwell, Brown, Burgess, Evans, Denver Board of W. Comnrs., Gross, Hanks, Hendrie & Bolthoff Mfg. & Supply Co., Howe, Howell, Kepner, Lowther, Mars, McLaughlin, McQuaid, Mulligan, Priess, Tracy, Turre, Warner, Werth
Estes Park: Tallant
Fort Collins: City of Fort Collins
Grand Junction: Ratcliffe, Soderstrum
Greeley: Gelder, City of Greeley
Gunnison: Keenan
Julesburg: Town of Julesburg
Lamar: Blizzard
Leadville: Sharp
Littleton: Ripple
Longmont: Price
Loveland: City of Loveland
Montrose: Hill
Palisades: Nisbet
Pueblo: McMartin, Porter, Wagner
Sterling: Blackman
Trinidad: Miller
Wray: Buhler

CONNECTICUT

Active and Honorary 25; Corporate 2; Associate 2; Total 29
Ansonia: Bristol
Bridgeport: Rothman, Senior

Connecticut—Continued
Bristol: Lourie
Darien: Provost
Derby: Birmingham W. Co.
Hartford: Dillon, Griswold, Minkus, Newlands, Peck, Rudd, Saville, Scott
Middletown: Middletown W. Dept.
Naugatuck: Ham
New Britain: Holden
New Canaan: Glidden
New Haven: Blair, Minor, Winslow
Norwalk, Riordan
Putnam: Fahlstrom
Stamford: Ketcham
Thompsonville: Schwabe
Torrington: Travis
Waterbury: American Brass Co., Chase Brass & Copper Co.
Westport: Darby

DELAWARE

Active and Honorary 6; Associate 1; Total 7
Bellevue: Van Trump
Delmar: Cooper
Dover: Beckett
Wilmington: Atlas Powder Co., Baumgartner, Feeney, Wills

DISTRICT OF COLUMBIA

Active and Honorary 14; Corporate 2; Total 16
Washington: Bird, Brumbaugh, Clement, Collins, Curtis, Dangler, District of Columbia W. Dept., Fiedler, Fisher, Holton, Lamar, Lauter, Macqueen, Sette, Thompson, Washington Suburban Sanitary Comm.

FLORIDA

Active and Honorary 52; Corporate 4; Associate 1; Total 57
Bradenton: Murchison
Canal Point: Kingsley
Clearwater: Bouis
Cocoa: Culler
Daytona Beach: Brennan, Mills, Riggs,
Fort Lauderdale: Chalfant
Fort Meyers: Gibson
Gainesville: Black, City of Gainesville, Johnston, Lowe
Jacksonville: Broughman, Catlett, Helwick, Hoy, McClane, Murray, Newman, Richheimer, Safay, Saine, Smith, Tyler, Ward, Weaver
Miami: Culter, Hyman, Lambert, Mountien, Smith, Sydow
Ocala: Dixie Lime Products Co., Meffert, Ocala W. Dept., Wallace
Orlando: Croll, Michaels, Norris, Rhynus
Pensacola: Semmes
Punta Gorda: Hurd
St. Augustine: Gray
St. Petersburg: Lee, Ridgely
Stuart: DeMoya
Sarasota: Dodd
Tallahassee: Gunter
Tampa: Hamilton, Langston, Long, Lyles, Merriman, Purity Springs Water Co., Inc.
West Palm Beach: Chinn, Conk, Reynolds, West Palm Beach W. Co.
Winter Park: Alvord

GEORGIA

Active and Honorary 59; Corporate 2; Associate 1; Total 62
Albany: Eggert
Athens: Beacham
Atlanta: Avrett, Bingley, Clarkson, De Jarnette, Frith, Grimes, Hall, Hansell, Hicklin, Kahn, Patton, Rapp, Reynolds, Shuff, Sledge, S. H. Smith, T. E. Smith, Taulman, Thompson, P. Weir, W. H. Weir, Wiedeman, Wilcox, Wyckoff
Augusta: Cooper
Brunswick: Killian
Cairo: Clifford
Canton: Groves
Cedartown: Rainwater
College Park: Whelchel
Columbus: Bradley, Lowe, Smalshaf
Dalton: Jones
Decatur: Weaver
Dublin: Roberts
East Point: Davis, Sparks
Elberton: Wallis
Griffin: Griffin Light, Water & Sewerage Dept.
Jesup: Littlefield
La Grange: Sargent
Lindale: Turley
Macon: Findlay, Macon Board of W. Comnrs., Slocum
Marietta: Du Pre
Moultrie: McLean
Newnan: Passolt
Rome: Alexander, Angle, Griffin Fdry. & Machine Co.
Savannah: East
Swainsboro: Lenert
Thomaston: George

Georgia—Continued
Thomasville: Dawes, Gray, Pringle
Valdosta: Dunbar
Waynesboro: Mills

IDAHO

Active and Honorary 7; Corporate 4; Total 11
Boise: Idaho Surveying & Rating Bur., Jackson
Jerome: Jerome W. Co.
Lewiston: Hughes, Wallace, Wilson
Moscow: Carter, Univ. of Idaho
Orofino: Hallam
Pocatello: Rainey
Wallace: Citizens Utilities Co.

ILLINOIS

Active and Honorary 168; Corporate 6; Associate 18; Total 192
Aurora: Sperry, Thon, Willett
Bloomington: Stutz, Williams, Woltman
Blue Island: Bender
Brookfield: Krause
Cairo: Roos
Carbondale: Fore
Champaign: Adams, Amsbary, Cody, Dark, Zelnick
Chicago: Abplanalp, Allen, Amer. Colloid Co., Amer. Concrete Pipe Assn., Anderson
Bachmann, Bardwell, Barron, Baylis, Behrman, Birch Mfg. Co., Bird-Archer Co., Birdsall, Birkeness, Brune, Burdick
Chicago Bridge & Iron Works, Jas. B. Clow & Sons, Connolly, Coughlan, Crane Co., Cullen
Dallach, DeBerard, De Leuw
Engel, Everson Mfg. Co.
Fager, Fairbanks Morse & Co., Fishtein, Friend, Fulkman
Gayton, General Chem. Co., Gerstein, Goldsmith, Gordon, Gorman, Greeley, Groner
Haering, Hansen, Harris, Hartmann, Hendricks, Herring, Hill, Holmes, Horstmann, Hudson
Illinois Inspection Bur., International Filter Co.
G. H. Jewell, I. H. Jewell, D. W. Johnson, S. C. Johnson, Judge
Knowles
Lansford, Le Bosquet
Mabbs Hydraulic Packing Co., Maxwell, McClenahan, McEllhiney, Meites, Mitchell, Moffat, Mohlman, Munn
National Aluminate Corp., Noble
Ockershausen
Parlett, Pearse, Portland Cement Assn.
Quigley
Ramey, Randlett, Reilly, Reynolds, Riedel, Robinson
F. R. Shaw, W. A. Shaw, Sherman, Sherwood, Skinner, Slee, Snow, Stannard Power Equip. Co., Straetz, Strasser, Sybrandt
Tatnall, Thayer,
Waller, Water Works & Sewerage, Weldon, Williams, Wolfe
Cicero: Broz
Danville: Ely, Symons
Decatur: Greenfield, Hatfield, Mueller Co., Nalefski, Van Praag, Warren
Des Plaines: Thorne
Dixon: Coe
East St. Louis: Horner
Edwardsville: Harris
Elgin: Kasser, Lloyd, Scarritt, Trentlage
Evanston: Frye, Polk
Forest Park: Quandt
Freeport: Hutchins
Geneva: Hellstrom
Glencoe: Pflanz, Young
Havana: Porter
Highland Park: Prindle
Hinsdale: Howson, Martin
Jacksonville: Caldwell, Stoldt
Kankakee: Huse
Lake Forest: Lake Forest W. Dept.
Mattoon: Bodisbaugh, H. W. Clark Co., Goetz
Moline: Moline W. W.
Northbrook: Culligan Zeolite Co.
Oak Park: Davidson, Dutton
Pana: Stanfield
Pekin: Lautz
Peoria: Crozier
Pontiac: Murphy
Quincy: Gelston, Quincy W. W. Comm.
Rockford: Merz
Salem: Denton
Springfield: Anderson, Black, Clark, Downer, Graves, Klassen, Spaulding, City of Springfield, Tolburg, Wright
Sterling: Kingman, MacDonald
Streator: Huggans
Urbana: Babbitt, Buswell, Doland, Enger, Fleming, Gerber, Larson, Pickels, Suter, Talbot, Thomas, White
Waukegan: Kallis

Illinois—Continued
Western Springs: Simantel
Wilmette: Miller, Olson
Winnetka: French, Leipold

INDIANA

Active and Honorary 193; Corporate 15; Associate 4; Affiliate 1; Total 113
Anderson: City of Anderson
Batesville: Schwier
Bedford: Jackson
Bloomington: Dillman
Butlerville: Schoolcraft
Crawfordsville: Mitchell
Crown Point: Crown Point W. Dept.
East Chicago: E. Chicago Dept. of W. W.
Elkhart: Clark, Link
Elwood: Barnes
Evansville: Evansville Dept. of W. W., Geupel, Stilwell
Fort Wayne: Baals, Koppers Co.-Western Gas Div., Mathews
Frankfort: Stern
Franklin: Foist
Gary: Sandbach
Goshen: Miller
Greencastle: Stewart
Greensburg: Jones
Hammond: Besozzi, Bussert, Northern Indiana Public Service Co.
Huntington: Huntington W. W.
Indianapolis: Boggs, Brignall, Bruhn
Calvert, Carroll, Carter, Coughlen
Finch, Frame
Garman
Heider, Horstman, Hurd
Indianapolis Bur. of San. Eng., Indianapolis Dept. of Conserv.
Jeup, Jordan
Kelso, Kershaw, Kinney, Kirkpatrick, Kleiser
Leonard
Mabee, Matthews, Mauch, Merrick, Miller, Moore, Morse
Nickel, Niemeyer
Perrine, Pierce, Poole, Public Service Co. of Indiana
Reilly Tar & Chem. Corp., Richetta, Rupard
Schulmeyer, Schwier, Stewart
Universal Gear Corp.
Williams, Winkle
Jasonville: Oeffler
Kokomo: Miller, Stradling
Lafayette: Lafayette W. W.
La Grange: Smith
LaPorte: LaPorte W. W.
Lawrenceburg: A. D. Cook Inc.
Lebanon: Burrin
Marion: Van Cleave
Michigan City: Draves
Mishawaka: Gunderson, Mishawaka W. & Elec. Depts.
Muncie: Self, Stewart
New Albany: Adams, Schaefer
Newcastle: School
Osgood: Brook
Peru: Wells
Princeton: Princeton W. & Light. Co.
Richmond: Dill
Rockport: Huffman
Rushville: Caldwell
Scottsburg: Robbins
Shelbyville: Gutting
South Bend: Bradford
Tell City: Weisenberger
Terre Haute: Durbin
Valparaiso: Bradley, Valparaiso Dept. of W. W.
Vincennes: Schwartz
Wabash: Evans, J. L. Ford, W. E. Ford
Washington: Perrine
West Lafayette: Howland, Loh, W. Lafayette W. W. Co., Wiley
Whiting: Bartuska, Vaughn

IOWA

Active and Honorary 44; Corporate 5; Associate 2; Total 51
Ames: Ames W. Dept., Lawlor
Boone: Nelson
Burlington: Driftmier, Lawlor, McKesson-Churchill Drug Co., Thompson
Cedar Rapids: Blomquist, Cedar Rapids W. W., Meaney
Centerville: Alexander
Clinton: Meeker
Council Bluffs: Bailey, Haas, Hansen, Jensen, Mathews, Nelson
Creston: Olsen
Davenport: Henderson
Des Moines: Des Moines W. W., Iowa Valve Co., D. L. Maffitt, H. C. Maffitt, Tenny, Wieters.
Dubuque: McEvoy
Elkader: Schneider
Ft. Dodge: Pray
Iowa City: Bartow, Dawson, Hinman, Keller, Mavis, Waterman
Marion: Toms
Marshalltown: Pedersen
Mason City: Mason City W. Dept.
Muscatine: W. W. Molis, Wm. Molis, Muscatine City W. W., Stanley, Thorson
Ottumwa: Brown, Elliott
Perry: Cole

Iowa—Continued
Sioux City: Marzec, Nelson, Sutherland
Waterloo: Trueblood
Webster City: Currie

KANSAS

Active and Honorary 10; Corporate 2; Total 12

Atchison: Weatherford
Junction City: Rathert
Kansas City: Mangun, Ruble
Lawrence: Boyce, Lawrence W. Dept.
Manhattan: Ulrich
Salina: Hopkins, Salina W. Dept.
Tokepa: Huffman, Rupp
Wichita: Kelley

KENTUCKY

Active and Honorary 28; Corporate 6; Associate 1; Total 35

Ashland: Brownstead
Bowling Green: Kentucky-Tennessee Light & Power Co.
Carlisle: Clay
Covington: Entwhistle
Danville: Terrell
Harlan: Harlan Munic. W. W.
Harrodsburg: Johnson
Hazard: Draughn
Lexington: Bell, Cramer, Handorf, Jacobson, Jernigan, Kentucky Utilities Co., Watkins
Louisville: Collins, Donahue, Gallagher, Kentucky State Board of Health, Louisville W. Co., Lovejoy, McGonigale, Overstreet, Peabody, Stover, Vance, Vogt Mfg. Co.
Madisonville: Arnold, Pritchett, Vannoy
Maysville: Duke
Paducah: Paducah W. W.
Richmond: Dougherty
Russelville: Simmons
Winchester: Attersall

LOUISIANA

Active and Honorary 28; Corporate 3; Associate 1; Total 32

Baton Rouge: Baton Rouge W. W. Co., Schwartz
Harvey: Feitel
Lake Charles: Edwards
New Orleans: Allison, Bernard Co., Derocha, Dixie Mill Supply Co., Earhart, Earl, Farnsworth, Fowler, Gaspard, Grant, Guillot, Haas, Holt, Klorer, Moffat, Morrill, Myers, New Orleans Sew. and W. Board, Old, O'Neill, Paterson, Peirce, Theard, Van Norman, Vidou, Webb
Rayville: Blakeman
Ruston: Brooks
Shreveport: Allen, Amiss

MAINE

Active and Honorary 12; Total 12

Auburn: Cook
Augusta: Anthony, Campbell
Bangor: Powell, Read
Northeast Harbor: Burr
Portland: Coburn, Fuller, West
Rockland: McAlary
Sanford: Clark
York Village: Lucas

MARYLAND

Active and Honorary 30; Associate 1; Total 31

Annapolis: Donaldson, Munroe
Baltimore: Activated Alum Corp., Armstrong, Blohm, Flack, Geyer, Hall, Holland, Hopkins, Powell, Regester, Requardt, Small, Strohmeyer, Whitman, Wolman
Cambridge: Cronister
Dundalk: Cornell
Edgewood: Stewart
Hyattsville: Devilbiss, Hall, Hechmer, Joyce, Willis
Luke: Patrick
Riverdale: Owings
Salisbury: Dallas, Gardner
Silver Spring: Jester, Millard

MASSACHUSETTS

Active and Honorary 63; Corporate 1; Associate 7; Total 71

Acushnet: Sorelle
Belmont: Conroy
Boston: Barbour
Chase, Clark
Eddy, Ellis, Ellsworth
Fales, French
Haley, Halpin, Horne, Hydraulic Development Corp.
Killam
Marston, Monsanto Chemical Co.—Merrimac Div.
Pratt
Shaw, Sherman, Skinner, Snow
F. H. Wentworth, J. P. Wentworth, A. D. Weston, R. S. Weston, Winsor
Brookline Houser

Massachusetts—Continued
Cambridge: Camp, Fair, Good, Harris, Whipple
Concord: Robinson
Cotuit: Horton
Danvers: Esty
Fairhaven: Gidley
Foxboro: Foxboro Co.
Framingham: Reed
Gloucester: Moran
Greenbush: Lumbert
Greenfield: Field
Haverhill: Driscoll
Holyoke: Gear, Tighe
Indian Orchard: Chapman Valve Mfg. Co.
Leominster: Classon
Lowell: Reynolds, Runels, Safford, Thomas
Malden: Edwards
Marlborough: Brigham
Medford: Dwyer
Milford: Kay, Milford W. Co.
New Bedford: Taylor
North Andover: Duffy
Peabody: Quirk
Reading: Taber
Sandwich: Chase
South Boston: Edson Corp., Hersey Mfg. Co.
Southbridge: Abbott
Springfield: Lochridge
Wakefield: Lead Lined Iron Pipe Co.
Wellesley: Adams
Winthrop: Howard
Worcester: Goodale, Hoy, Lingley

MICHIGAN

Active and Honorary 70; Corporate 4; Associate 3; Total 77
Adrian: Snedeker
Ann Arbor: Ann Arbor W. Dept., Ayres, Decker, Hoad, McNamee
Bay City: Harrison
Benton Harbor: Russell
Birmingham: Egbert
Cadillac: Webb
Coldwater: McQueen
Dearborn: La Marre, McCarthy, Michael, Mullen, Parks, Stevens, Townsend
Detroit: Beatty, Bielot, Bird, Burnett, Burroughs Adding Machine Co.,
Dow, Dubois, Dunham
Feben, Fenkell
Gerardy, Gould, Green, Grobbel
Hardin, Hirn, Hulbert
Lampman, Lenhardt
Majeske, McCormack, Morrill
Outzen
Roden, Rudd
Saunders, H. Smith, W. E. Smith
Wallace, Walter
East Lansing: Mallman
Flint: Flint W. Dept.
Grand Rapids: Grand Rapids Filtr. Plant, Mace, Reed
Highland Park: Dahljelm, Golden
Hillsdale: Clark
Kalamazoo: Libby, Norman, Norton
Lansing: Faust, Lansing Board of W. & Elec. Light Comnrs., Pirie
Ludington: Williams
Marquette: Cliffs Dow Chemical Co., Rowley
Melvindale: MacDonald
Monroe: Neis
Mt. Clemens: Keils
Niles: Crabill
Pontiac: Monroe
Port Huron: Mueller Brass Co.
Saginaw: Eckert, Francis, Richardson
Traverse City: Williams
Wyandotte: Allen, Potts, Ward

MINNESOTA

Active and Honorary 39; Corporate 6; Associate 1; Total 46
Austin: Austin Board of W., Elec., Gas & Power Comnrs.
Brainerd: Zapffe
Duluth: Foster, Seligman
Ely: Buccowich
Eveleth: Stauff
Fairmont: Basom
Faribault: Wilson
Grand Rapids: Hanson
Hibbing: Forsberg, Hibbing W., Light, Power & Building Comm.
Minneapolis: Andrews, Beal, Bell, Brownell, Estabrook, Finch, Fire Underwriters Insp. Bur., Janzig, Jensen, Johnson, Lundell, Mellen, Minneapolis W. W. Comm., Poole, Raab, Smith, Thompsen, Whittaker
Rochester: Schwarz
St. Cloud: Seibert
St. Paul: Druar, Feist, Flanagan, Grime, Edward E. Johnson Inc., Morris, Pearce, Peterson, St. Paul Board of W. Comnrs., Shepard, Thompson, Thuma, Wilbur
Stillwater: Grove
Winona: Winona Board of Munic. Works

MISSISSIPPI

Active and Honorary 11; Total 11

Amory: Miller
Canton: Reid
Greenwood: Stott
Hattiesburg: Arledge
Jackson: Fewell, Kroeze
Laurel: Miller, Oden
Leland: Hollowell
Meridian: Pinkston
Natchez: Stewart
Pascagoula: Winterton
Tupelo: Sparks
West Point: Tillman

MISSOURI

Active and Honorary 51; Corporate 2; Associate 1; Total 54

Carthage: Hoen
Chesterfield: Graf
Chillicothe: Higgins
Columbia: Luebbers
Hannibal: Wolfe
Independence: Cottingham, Gallagher, Propst
Jefferson City: Helmreich, Johnson, Kramer
Joplin: Jones
Kansas City: Archer, Bacharach, Baldwin, Black, Crocker, Filby, Foreman, Gilkison, Harper, Haskins, Joslyn, Kansas City W. Dept., Learned, McDonnell, Mullergren, Reynolds, Samuel, Smith, Timanus, Veatch
St. Charles: Kansteiner
St. Joseph: Bodkin, Smouse
St. Louis: Allgeyer, Amer. Fdry. & Mfg. Co., Anheuser-Busch, Dahm, Dean, Hawken, Henning, Horton, Jutz, Kriz, Lischer, Meyer, Orth, Pritchard, Skinker, Wall, Wachter
Sedalia: Andrews
Springfield: Everett
University City: Weir
Warrensburg: Christopher

MONTANA

Active and Honorary 30; Corporate 5; Total 35

Anaconda: Anaconda Copper Mining Co.
Big Timber: Walvoord
Billings: Hastings, Hewett
Bozeman: City of Bozeman, Cobleigh
Butte: Carroll, Hazen, Plummer
Chinook: Brandis
Columbus: McClure
Deer Lodge: Gerstacker
Dillon: Bayerd
East Helena: City of East Helena
Forsyth: Palmer
Fort Benton: Wackerlin
Gardiner: Lauer
Glendive: Eyer
Great Falls: City of Great Falls, Shanley, Thomas
Havre: Atkinson
Helena: Champa, Foote, City of Helena, Sandquist
Lewistown: Schmit
Livingston: Cortese
Miles City: Lindeberg, Wiel
Missoula: Christensen, Thane
Roundup: Quinnell
Three Forks: Wade
Whitefish: Arnold

NEBRASKA

Active and Honorary 13; Corporate 3; Associate 2; Total 18

Albion: Bisel
Fremont: Henry
Hastings: Hastings Board of Public Works
Kearney: Bowker
Lincoln: Erickson, Filipi, Lincoln W. & Light Dept.
Omaha: Barber, Bunnell, Detweiler, Holdrege, Lasell, Leisen, Metropol. Util. Dist., Paxton-Mitchell Co., The Refinite Co.
Plattsmouth: Minor
Sidney: Jones

NEVADA

Active and Honorary 2; Corporate 1; Total 3

Reno: Sierra Pacific Power Co., White
Virginia City: Leonard

NEW HAMPSHIRE

Active and Honorary 3; Corporate 1; Total 4

Concord: Howard
Hanover: Nettles
Manchester: Shaw
Nashua: Pennichuck W.W.

NEW JERSEY

Active and Honorary 139; Corporate 13; Associate 7; Total 159

Alpha: Sheninger
Ampere: Brainard, Lock Joint Pipe Co., Longley

New Jersey—Continued
Asbury Park: White
Atlantic City: Brunstein, Van Gilder, Wigley
Belleville: Mowry
Beverly: Horan
Bloomfield: Town of Bloomfield
Boonton: Mallalieu
Bound Brook: Brush
Brielle: Voorhees
Burlington: Conard, Hoffer, Russell, Stokes
Camden: Bowman, Lewis, Long, Sleeper
Collingswood: Borden
Dover: Dover W. Comnrs.
East Orange: Halpin, Klein, N. J. State W. Policy Comm., O'Brien, Roper, A. P. Smith Mfg. Co.
Elizabeth: Biddle, Booth, Buck, Crane, Newkirk, Radcliffe, Schaefer, Townley
Essex Falls: Bell, Van Dien
Fairlawn: Harley
Franklin: Jenkins
Freehold: McGowan, Schiverea
Glen Ridge: Glen Ridge W. Dept., Wilson
Haddonfield: Ford Meter Box Co.
Haddon Heights: Carns, N. J. W. Co.
Hammonton: Lobley
Harrison: Fishwick, Hall, Matte, Worthington-Gamon Meter Co., Worthington Pump & Mach. Corp.
Hopatcong: Cronkright
Jersey City: Jewell, Ohland, Sherman
Little Falls: Green
Livingston: Burack, Livingston Municipal W. Dept.
Long Branch: Herr
Manville: Krassy
Maplewood: Faulks
Merchantville: Rudderow, South Jersey Assn. of W. Supts.
Millville: Buell, Millville W. Co.
Montclair: Baker, Bevan, Bourgin, Flentje, Knox, Ross, Weaver
Montvale: Gray
Moorestown: Hyland
Morristown: Clark, Hoffman
Mount Holly: Mount Holly W. Co.
Newark: Arenander, Bank, Browning, Childs, Eastwood, Faulks, Flanders, Garratt, Gibbons, Hobby, Hutton, Merckel, Orchard, Pratt, Runyon, Schwartz, Wallace & Tiernan Co.
New Brunswick: Atkinson, End, Lendall, Morris, Rudolfs
New Milford: Cowles, Spalding
Ocean City: Steelman
Palmyra: Hargett
Park Ridge: Smith
Passaic: Ryle
Paterson: Bonyun, A. T. Cook, J. H. Cook
Perth Amboy: Booz, Cornelison, Reager
Phillipsburg: Thomas
Plainfield: Bushnell, Gavett, Winslow
Pompton Plains: Griffin
Princeton: Eldridge
Ramsey: Ramsey W. W.
Red Bank: Cadman, Norcom, White
Ridgewood: Carr, Holmes, Phelps
Rochelle Park: Every
Roselle: Williams
Rutherford: Tygert
Seaside Park: Wilbert
South Amboy: National Lead Co.
South Orange: Scott, Smith
Sparta: Callahan
Summit: Bassett
Trenton: Baty, Brooks, Critchlow, Croft, De Laval Steam Turbine Co., Hanks, Trenton W. W.
Wanaque: North Jersey Dist. W. Supply Comm., Purcell
Weehawken: Alfke, Cady, Fricker, Lebold, Schlicht, Schwartz, Talbot
West Englewood: Wieghardt
Westfield: Haskew
West Orange: Capen, Fritz, Glannan
Woodbridge: Mundy

NEW MEXICO

Active and Honorary 4; Corporate 3; Total 7

Cimarron: Alpers
Deming: Deming W. Dept.
Las Cruces: Dodds
Las Vegas: New Mexico Power Co.—Agua Pura Div.
Raton: Riddell
Santa Fe: Fox, New Mexico Power Co.

NEW YORK

Active and Honorary 366; Corporate 42; Associate 49; Total 457

Albany: Cox, Davis, Erickson, Gilcreas, Holmquist, Kerslake, Smith, Suter, Wheeler, Willcomb
Amsterdam: Eaton, Taggart
Ashokan: Friedman
Auburn: Auburn W. Dept.
Avon: Clark
Batavia: Batavia W. Dept., Cook

New York—Continued
Bay Shore: Fenn
Binghamton: Binghamton Bur. of W.
Briarcliff Manor: Manahan
Brockport: Glynn
Buffalo: Ames, Anderson
Ballard, C. K. Bassett, G. B. Bassett, Bates, Bergman, Bingham & Taylor Corp., Blessing, Brady, Buffalo Meter Co., Buffalo Niagara Elec. Corp., Buffalo Pipe & Fdry. Corp., Buffalo Div. of W.
Dewey, Drake
Fitzgerald
Gardner, Garey, Grotz
Hayman, Michael Hayman & Co., Hoefling
Keirn, Kelly, Kinsel
Lynch
Moore
Nussbaumer
Rabe, Remington Rand Inc., Rice
Scott, Seigel, Shed, Showell, Spire, Sterling Engine Co., Svenson
Thomas, Towns
Velzy
Wagner, Williams, Wing
Canajoharie: Bullock
Canandaigua: Ellis
Carmel: Flandreau
Chappaqua: Cook
Clifton Springs: Durkee
Cobleskill: Dyer
Corning: Corning W. W., Drake, Hayt
Cortland: Ford
Delmar: Peck
Dunkirk: Dunkirk Board of W. Comnrs.
East Aurora: Village of E. Aurora
Elmhurst: Citizens W. Supply Co. of Newtown
Elmira: Elmira W. Board, Jones, Kennedy Valve Mfg. Co., The Shelt Co.
Endicott: Endicott W. W. Co.
Fishers Island: The Fishers Island Farms Inc.
Frankfort: Shea
Fredonia: Heubi
Glen Cove: Stehling
Glen Head: Tappen
Glens Falls: Glens Falls Board of W. Comnrs.
Gloversville: Davies, Vrooman
Hamburg: Roberts, Sterns
Haverstraw: Courter
Herkimer: Wood
Hicksville: Hicksville W. Dist.
Holland: Holland W. Dist. No. 1
Hoosick Falls: Leonard
Hornell: Gorman
Ilion: Ilion Board of W. Comnrs.
Iona Island: Palisades Interstate Park Comm.
Ithaca: Carpenter, Mower, Seery, Stanley, Walker
Jamestown: Johnson
Johnson City: Johnson City W. Dept.
Johnstown: Knowles
Kingston: Darrow
Larchmont: Hotchkiss
Le Roy: O'Mealia
Lewiston: Watson
Little Falls: Austin
Lockport: Hooker
Long Beach: City of Long Beach
Lowville: Adirondack W. W.
Lynbrook: Rowley, Stearns
Malone: Van Deusen
Mamaroneck: Duffy, Thrasher
Massapequa: Bornemann
Maybrook: Maybrook W. Bd.
Merrick: Ogden
Middletown: Gates
Mineola: Forrest, Hendrick
Mohawk: Martin
Montauk: Montauk Beach Devel. Corp.
Montgomery: Montgomery Bd. of W. Comnrs.
Monticello: Carpenter, Divine
Mount Kisco: Mathews
Mount Vernon: Manahan, Theobald, Scott, Wolbert
Newark: Wright
Newburgh: Holdredge, Howes
New Rochelle: Cranch, Gooding, Schoenfeld
New York: Abrams, Aeryns, Aldrich, Ambursen Const. Co., American City, American Cyanamid & Chem. Corp., American W. W. & Elec. Co., Ankener, Applebaum, Armstrong
Baldwin, Ballou, Barrett Co., Bell, Bennett, Berry, Biggs, Blanchard, Bliven, Blum, Bogert, Booth, Bowe, Bowers, Boyd, Brush, Bull, Burns
Carpenter Case, Central Equipment Sales Corp., Central Fdry. Co., Chenery, Chevalier, Cleverdon, Coates, Cole, Community W. Service Co., Copper & Brass Research Assn., Craig, Cuddeback, Cunningham
Darco Corp., Dennett, Dick, Diven, Dixon, Donaldson, Donovan, Dorr Co.

New York—Continued
Ebasco Services Inc., Electro Bleaching Gas Co., Emerson, Engineering News-Record, Enslow, Everett
Faber, Federal Light & Traction Co., Flannery, Flinn, Ford, Freer
Geisler, T. A. Gillespie Co., Goodman
Hale, Haiss, Hansen, Harding, Hazen, Henderson, Herron, Hoag, Hochlerner, Hollander, Hooker Electrochemical Co., Horandt, Howland, Huy
Inglee
Jacobs, Jenkins Bros., Johns-Manville Sales Corp., Johnson, Jones, Jordan, Jost
Keily, Kendall, Kenny, Kienle, Killam, Kneale, Kriegsheim, Kydd
Laase, Lamb, Lang, Lead Industries Assn., Ledden, Ley, Luce, Lundvall
Mann, Mathieson Alkali Works Inc., McKague, McPadden, McRorie, Merriman, Meyerherm, Miller, Murdoch
National Meter Co., National W. Main Cleaning Co., Nelson, Neptune Meter Co., Nesin, Newsom, Nordell, Northeastern W. & Elec. Service Corp., Northrop, Nuebling
Palmer, Pardee Eng. Co., Pardee, Patitz, Patton, Permutit Co., Phelps, Phoenix Meter Corp., Pincus, Pirnie, Pitometer Co., Potter, Potts, Powell, Public Works
Quilty
Rau, Revere Copper & Brass Inc., Riddick, Robbins, Roux
L. A. Salomon & Bro., Sanborn, Saunders, Saville, Sawyer, Scharff, Scott, Seabury, Seeholzer, Seifert, Shapiro, Shiflett, Shuldener, Sigworth, Solvay Sales Corp., Spear, Stewart, Stuart
Tainter, Tate Processes, Thomson Meter Co., Tracy, Trowbridge, Turner, Tuttle
Van den Berg, Vermeule, Vertefeuille, Victaulic Co. of Amer.
Wafer, E. P. Wagner, R. E. Wagner, Wailes Dove-Hermiston Corp., Walker, Warde, Warren Fdry. & Pipe Co., Water Works Engineering, Weiler, Wertz, Weston, W. Virginia Pulp & Paper Co.—Industrial Chem. Sales Div., Whitlock, Wiggin, Wilson, Wolff, Wood, Wrench

Niagara Falls: Dignan, Makin, Mann, Nassoiy, Piper, Robbins, Roe
North Tonawanda: Oelkers
Norwich: Ames
Olean: Olean Board of W. Comnrs.
Oneida: Sherrill-Kenwood W. Comm., White
Oneonta: Holdredge, Watkins
Ossining: Miller
Oswego: McCaffrey, Oswego W. Dept.
Owego: Owego W. W.
Peekskill: Irish, G. P. Wood, J. Wood
Phelps: Henry
Pleasantville: Day
Port Chester: Homelite Corp.
Poughkeepsie: Cole, Kiker, Poughkeepsie Board of Public Works, Walker
Rensselaer: Claflin
Rochester: Abbs, Baker, Barth, Edwards, Gordon, Hayes, Hopkins, Hopper, Howe, Lewis, Little, Lozier, MacKeever, Monroe Ave. Water Dist., Moore, Morrison, Mussi, Price, Roberts, Russell, Shnidman, Smith
Rome: Rome Bur. of W.
Salamanca: Weagraff
Saranac Lake: Stalbird
Saratoga Springs: Grooms, Mott, Rowe
Scarsdale: Boniface, Conlan, Henshaw, Stone, Wyckoff
Schenectady: Devendorf, City of Schenectady, Taylor
Seneca Falls: Seneca Falls W. Dept.
Silver Creek: Silver Creek W. W.
Skaneateles: Horsington
Sodus Point: Morley
Spring Valley: Mosier
Sylvan Beach: Freiberger
Syracuse: Daw, Elder, Korves, Mitchell, Mower, Probst, Syracuse Div. of W., Thompson, Wagenhals
Tarrytown: Helling, Losee, Nolan
Thornwood: Jiannott
Troy: Caird, Clifton, End, W. & L. E. Gurley, Keis, Knickerbacker, Ludlow Valve Mfg. Co., Rensselaer Valve Co., Ross Valve Mfg. Co., Rutledge, Solomon, Troy Bur. of W.
Tuxedo Park: Macaluso
Union: Ware

New York—Continued
Utica: Ackerman, Brayton, Griswold, Hodges, Hopkins, Miles
Valhalla: Havill
Voorheesville: Horton
Waterford: Eddy Valve Co., Yaxley
Watertown: Field, Watertown W. W.
Waverly: Hall
Webster: O'Dell
Wellsville: Rowe
White Plains: Curry, Grantham, White Plains Dept. of Public Works
Williamsville: Cotton, Fretts
Yonkers: Carroll, Harmonay
Yorktown Heights: Cramer, Hancock

NORTH CAROLINA

Active and Honorary 72; Corporate 4; Associate 1; Total 77
Albemarle: Moore
Asheboro: Yow
Asheville: Burchard
Burlington: Thomas
Canton: Seaman
Chapel Hill: Baity, Gotaas, Hollett, Thompson
Charlotte: Bunker, Clapp, Davis, Dickson, Doane, Franklin, Grinnell Co., Heyward, Lee, Nance, Vest
Concord: Fisher, Furr
Dunn: Strickland
Durham: Durham W. Dept., Hall, Michie, Phillips, Piatt
Enka: Frisk
Fremont: Benton
Gastonia: Haywood, Henderlite, Rhyne
Greensboro: Lybrook, Mengel, Smedberg, True
Greenville: Swartz
Hamlet: Thorp
Hendersonville: Douglas, Lampley
Hickory: City of Hickory
High Point: Moss, Perkins
Jacksonville: Hurst
Leaksville: Jenkins
Lenoir: Williams
Lexington: Williams
Lincolnton: Randall
Mebane: Michael
Mooresville: Sherrill
Morganton: Kearney
Mount Airy: Merritt, Mount Airy W. Dept.
Murphy: Johnson
Oxford: Evans
Raleigh: Abell, Bain, Booker, Hill, Jarrett, Jessup, Kellogg, Olsen
Rockingham: Tull
Rocky Mount: Lyon
Salisbury: English, Trexler
Selma: Chamblee
Swannanoa: Parks
Sylva: Sloan
Tarboro: Martin
Warrenton: Warrenton W. Co.
Waynesville: Briggs
Wilmington: Lassiter, Maffitt
Winston-Salem: Thomas

NORTH DAKOTA

Active and Honorary 4; Total 4
Bismarck: Yegen
Fargo: Ayliffe, Tarbell
Grand Forks: Jenson

OHIO

Active and Honorary 84; Corporate 1; Associate 13; Total 98
Akron: Barstow, Elting, La Due
Barberton: Babcock & Wilcox Co.
Bucyrus: Lower
California: Bahlman
Chillicothe: Chillicothe W. Co.
Cincinnati: Bourbon Copper & Brass Works Co., Bready, Evans, Hibbs, Hoffman, Hoskins, Mace, Munyan, Newhall, H. C. Nutting Testing Engrs.
Cleveland: Addressograph-Multigraph Corp., Barnes, Braidech, Danner, Ellms, Farnan Brass Works Co., Fischer, Gascoigne, General Paint Corp., Fred W. Hanks Co., Harlamert, Havens, Lawrence, Levy, MacDowell, Marsh, Marshall, Pease, Quayle, Sangdahl, Statham, Tolles, Wallene
Columbus: Albert, Brown, Burgess, Crane, Foulk, Hoover, Jeffrey Mfg. Co., Kimberly, Knox, Krumm, Lathrop, Prior, Shenker, Tolman, Water Leak Detector Co., Waring
Dayton: Layport, Morehouse
Fremont: Schneider
Girard: Reep
Hillsboro: Ayers
Jackson: Brunton
Kent: Gettrust, Hostettler
Killbuck: Kuhns
Lima: Smith, Stimmel
London: Bridgman
Lorain: Brown
Marion: Whysall
Martins Ferry: Jenkins
Massillon: Peerless Pump Co., Ulrich

Ohio—Continued
Middletown: American Rolling Mill Co.
Norwalk: Shumer
Orrville: Webster
Painesville: Cook
Piqua: Rauscher
Sandusky: Schoepfle
Struthers: Carty, Evans
Tiffin: Wetter
Toledo: Finkbeiner, Furman, Jones, McNutt, Schoonmaker
Troy: Smith
Warren: Hapgood, Inman, O'Connor
Wellston: Talbott
Youngstown: Dittoe, Lyden, Republic Steel Co., Russell, Van Arnum, Youngstown Sheet & Tube Co.

OKLAHOMA

Active and Honorary 12; Corporate 1; Total 13
Bartlesville: Perkins
Muskogee: Vanlandingham
Okemah: Harding
Oklahoma City: Banks, Bretz, Cunningham, Scott
Stillwater: Smith, Stapley
Tulsa: Cecil, Holway, McMurry, Tulsa W. Dept.

OREGON

Active and Honorary 36; Corporate 3; Total 39
Bend: Drost
Clackamas: Jackson
Corvallis: Merryfield, Strange
Dallas: Soehren
Eugene: McArthur
Grants Pass: Signor
Hillsboro: Gates
Marshfield: Chiene
McMinnville: McMinnville W. & Light Dept.
Medford: Medford W. Comm.
Pendleton: Vaughan
Portland: Benedict, Boyle, Charlton, Cunningham, Disher, Fague, Gibson, Green, Griffin, Hamilton, Judson, Karr, Koon, Marshall, Morrow, Phillips, Portland Bur. of W., Romig, Stober, Strudgeon, Thompson, Wagner, Willard
Salem: Van Patten
Sandy: Maupin
Silverton: McCleary
Tillamook: Berkey

PENNSYLVANIA

Active and Honorary 164; Corporate 12; Associate 26; Total 202
Abington: Gilbert
Allentown: Allentown Bur. of W.
Altoona: Ale, Swab
Ambler: Hibschman, Keasby & Mattison Co.
Aspinwall: Drake
Beaver Falls: Burnie
Bellevue: Barton
Berwick: Multiplex Mfg. Co.
Bethlehem: Bethlehem Steel Co.
Braddock: Dillon
Bradford: Boncher, S. R. Dresser Mfg. Co., Mackie, Stewart
Bristol: Roberts
Bryn Mawr: Davis, Jenkins, McCurdy, Philadelphia Suburban W. Co.
Carbondale: McMullen
Chambersburg: Mowrey
Chester: Dodd, Muser
Clearfield: Nevling
Coatesville: Emigh
Downingtown: Wagner
DuBois: Warren
Easton: Johnson
Emaus: Donaldson Iron Co.
Emporium: Emporium Water Co.
Erie: Dunwoody, Hays Mfg. Co., Lechner
Gettysburg: Naylor
Glenside: Sheen
Greensburg: Welsford
Harrisburg: Beckwith, Berry, Craig, Daniels, Dixon, Gannett, Glace, Hoak, Moses, Strickler, Winslow
Hazleton: McGeehin
Homer City: Syntron Co.
Honesdale: Williams
Indiana: Pharaoh
Johnstown: Byers, Hagins, Kunkle, Ogborn
Lancaster: Abraham, Duckworth, Goodell
Langhorne: Stompler
Latrobe: Stout
Lebanon: McAdam
Lewistown: Lewistown-Reedsville W. Co.
McKeesport: Trax
Meadville: Ellsworth, Young
Media: Johnson
Mertztown: Atlas Mineral Products Co. of Pa.
Midland: Holloway
Milton: Keim
Mt. Union: Diven
Natrona: Knight

Pennsylvania—Continued
Nazareth: Flory
New Kensington: Griffiths
Northampton: De Groot
Oil City: Oil City Bur. of W.
Oxford: Reinicker
Philadelphia: Amer. Water Softener Co.
Bean, Becker, Beltz, Betz, Bingham, Boardman
Corin, Crawford
Daugherty
Fick, Freeburn, Friel
General Mgt. Corp., Glueck, Goff, Greer
Haydock, Hedgepeth
Ickler
Kappe, Kerr
Lawrence, Leadite Co.
McKay
Nelson
Oppermann
Penna. Salt Mfg. Co.
Read, Ridenour, Roberts Filter Mfg. Co., Russell
Schaut, Shaw, Simplex Valve & Meter Co.
Turner
U. S. Pipe & Fdry. Co.
Van Loan
Whitcomb, R. D. Wood Co., Wood
Philipsburg: Rumberger
Pittsburgh: Bankson, Baton, A. M. Byers Co.
Campbell, Canariis, Chester, Cochrane
Davis, Diamond Alkali Co., Donnan, Dotterweich
Golden-Anderson Valve Spec. Co.
Hendrickson
Jacobs, E. A. Johnson, E. P. Johnson
Kennon
Linderman, Lynn
Mansfield, Mellon
National Tube Co.
Ohio Salt Co.
Pittsburgh-Des Moines Steel Co., Pittsburgh Equitable Meter Co.
Rice, Rockwell
Seaberg, Speller
U. S. Steel Corp.
Weed, Weidlein
Pottstown: Grubb
Pottsville: Clayton
Punxsutawney: Startzell
Reading: Boas, Chubb, Heine, Merkel, O'Reilly, Reading Bur. of W., Sperry, Strockbine
Rockwood: Berkebile
Sayre: West
Scottdale: Tyler
Scranton: Lyle, Nebelung, Scranton-Spring Brook W. Service Co., Taylor
Selinsgrove: Eyer
Sewickley: Sewickley Comnrs. of W. W.
Shamokin: McWilliams
Sharon: Miller, Petroleum Iron Works Co., Shenango Valley W. Co.
Sheffield: Ritchie
Shillington: Nissly
Smethport: Hubbard
Somerset: Pile
Spring Grove: Hinman
State College: Turner, Walker
Tyrone: Hassler, Laughlin, Welch
Uniontown: Seaton
Verona: Suburban W. Co.
Washington: Buchanan
Waynesboro: Fitz, Shank
West Conshohocken: Connor
Wilkes-Barre: Matter
Wilkinsburg: Adams, Fox, Hawley
Williamsport: Barrick, Darling Valve & Mfg. Co., Keliher, Williamsport W. Co.
York: Brisbane, Kable, S. Morgan Smith Co.

RHODE ISLAND

Active and Honorary 4; Corporate 1; Associate 1; Total 6
Cranston: Bean
Providence: Builders Iron Fdry., Dillon, Maguire, Providence Dept. of Public Works, Reynolds, Richardson, Turner

SOUTH CAROLINA

Active and Honorary 27; Corporate 1; Junior 1; Total 29
Abbeville: Townsend
Aiken: Sudlow
Bennettsville: Parks
Camden: Tobin
Charleston: Charleston Comnrs. of Public Works, Gibson, McDowell, Parker
Chesnee: Marquis
Chester: McLure
Columbia: Rice, Ryan, Tomlinson, White
Easley: Rogers
Greenville: Blackwelder, Hawkins, Perry
Greenwood: Chapman
Greer: Lawing

South Carolina—Continued
Laurens: Lovejoy
Newberry: Schumpert, Wise
Orangeburg: Pearson
Rock Hill: Garrison
Spartanburg: Simms, White
Union: Howe
Winnsboro: Meng

SOUTH DAKOTA

Active and Honorary 6; Corporate 1; Total 7
Aberdeen: Mathews
Mitchell: Mather
Pierre: Towne
Sioux Falls: Connor, Sioux Falls W. W.
Sturgis: Davenport
Vermillion: Hunter

TENNESSEE

Active & Honorary 32; Corporate 3; Associate 2; Total 37
Alcoa: Bristol
Bristol: Green
Chattanooga: Coleman, Lofton, Morrison, Porzelius, Scott, Shawver, Stromquist
Cookeville: Collier
Dyersburg: Blakeman
Elizabethton: Dungan
Fountain City: Brickey, Murphy
Greeneville: McAmis
Johnson City: Johnson City Fdry. & Mach. Co.
Kingsport: King
Knoxville: Clouser, Knoxville W. Dept., Quinn, Stephenson, Switzer
Madison: Lakewood Water Co.
McMinnville: Womack
Memphis: Fabrin, Fletcher, Hoshall, Layne & Bowler, Memphis Board of Light & W. Comnrs., Seay
Murfreesboro: Farmer
Nashville: Fry, Holman, Kittrell, Lawrence, Morton, Saindon, Schmidt
Signal Mountain: Guthrie

TEXAS

Active and Honorary 46; Corporate 2; Associate 2; Total 50
Austin: Connell, Davis, Ehlers, Green, Pearl, Schoch
Ballinger: Northington
Beaumont: Bernhagen, Merritt, Vieno
Corpus Christi: Central Power & Light Co.
Dallas: Billings, Connell, Dixon, Fowler, Morey, Myers, Powell, Puckhaber, Reynolds Mfg. Co., Rosenthal, Smith, Whedbee, Winder
Denison: Brenneke
El Paso: Classen, Murphy, Nevins
Fort Worth: Consolidated Chemical Industries, Inc., Hawley, Mahlie, Oliver, Porter, Quigley, Robinson
Greenville: Mitchell
Houston: Elrod, Houston W. Dept., Hutchison, Jensen
Laredo: Umbenhauer
Marlin: Goodrich
Mineral Wells: Williams
Paris: Hicks
Rosebud: Mayer
San Antonio: Bartlett, Helland, Newcomb
South San Antonio: Harding
Tyler: Shaw
Uvalde: Evans
Waco: Gooch, Rohan
Wichita Falls: Ward

UTAH

Active and Honorary 4; Corporate 1; Associate 1; Total 6
Ogden: Irwin
Provo: Newell, Pacific States C. I. Pipe Co.
Salt Lake City: Painter, Salt Lake City W. Dept., Thatcher

VERMONT

Active and Honorary 3; Total 3
Burlington: Moat, Rickard
Manchester Center: Marsden

VIRGINIA

Active and Honorary 43; Associate 4; Total 47
Alexandria: Lamond
Altavista: Tippert
Arlington: Engle, Lundberg
Ashland: Hartsook
Danville: Brantly, Johnson
Denbigh: Pharr
Falls Church: Anderson
Fredericksburg: Leveque
Galax: Stockner
Harrisonburg: Noll
Lawrenceville: Hayes
Lexington: Boykin, Grant, Rice
Lynchburg: Capron, Glamorgan Pipe & Fdry Co., Lynchburg Fdry. Co., Wagner, Wilson
Newport News: Dugger, Harman

Virginia—Continued
Norfolk: Fitzgerald, Herbert, Layne-Atlantic Co.
Richmond: Baldwin, Bardwell, Eichberg, Lordley, Meredith, Messer, Phipps & Bird Inc., Royer, Ruehl, Shewbridge, Smith, Snidow, Strother, Trimble
Roanoke: Crockett, Moore, Taylor
Salem: Cassady
Shawsville: Snead
Virginia Beach: McCoy
Williamsburg: Meisel
Winchester: Grant

WASHINGTON

Active and Honorary 63; Corporate 5; Associate 1; Affiliate 1; Total 70
Aberdeen: Watkins
Auburn: Gosney
Bellingham: Adams, Brock, Campbell
Bremerton: Casad
Camas: Smith
Cashmere: Jarvis
Chehalis: Bantz
Cheney: Chambers
Chewelah: Bunker
Colfax: Marler, Nasi
Dayton: Bamford
Endicott: Poffenroth
Everett: Everett W. Dept.
Hoquiam: Heermans, Lovejoy
Kelso: Gabrielson, Thornton
Kent: Rod
Longview: Labsap
Lynden: Knittel
Okanogan: Van Liew
Olympia: Williams
Omak: Hubbert
Pasco: McGhee
Port Angeles: White
Pullman: Snyder
Seattle: Botten, Campbell, Cook, Federal Pipe & Tank Co., Fowler, Gehring, Gibson, Hallgren, Harris, Harvey, Jacobs, James, Johnson, Jones, Judd, Lewis, Marckmann, Miller, Mitchell, Murray, Osborne, Purcell, Schunke, Seattle W. Dept., Seufer, Tangney, Tyler
Spokane: Erickson, Hedman, Lindsay, Washington W. Power Co.
Tacoma: Crosby, Hooker, Kunigk, Shaneman
Waitsburg: City of Waitsburg
Walla Walla: McLean
Wenatchee: Dunstan, Hickcox
Yakima: Gilman, Hall

WEST VIRGINIA

Active and Honorary 22; Total 22
Beckley: Harvey
Benwood: Davis
Bluefield: Rhoads
Charleston: MacDonald, McLaughlin, Musser, Settle, Tisdale
Chester: Young
Clarksburg: Highland
Hinton: Martin
Huntington: Dale, McCaskey, Wilkes
Keyser: Blundon
Madison: Whitlock
Morgantown: Speiden
Moundsville: Hetzer
New Cumberland: Parsons
Piedmont: Richards
Wheeling: Todd
Williamson: Offutt

WISCONSIN

Active and Honorary 59; Corporate 7; Associate 3; Total 69
Antigo: Jackson
Appleton: Dimick, Gallaher
Ashland: Snow
Delavan: Delavan W. Comm.
Eau Claire: Brown
Elkhorn: Elkhorn Light & Water Comm.
Evansville: Cary
Fond Du Lac: Fond Du Lac W. Dept.
Green Bay: Green Bay W. Dept.
Janesville: Griffey
Kaukauna: Weckwerth
Kenosha: Kenosha W. Dept.
Lake Geneva: O'Neill
Madison: Bruden, Domogalla, Gauer, Kessler, Kirchoffer, Mead, Muegge, Nichols, Shoemaker, Smith, Thiessen, Ward, Warrick, White
Manitowoc: Schroeder, Staeffler
Marshfield: Marvin
Menasha: Kuester
Milwaukee: Allis-Chalmers Mfg. Co., Badger Meter Mfg. Co., Becker, Bohmann, Brown, Cunliffe, Cutler-Hammer Inc., Gruetzmacher, McCarthy, Murphy, Nordberg, Rynders, Schwada, Thomas, Wright
Neopit: Bibelhausen
Oconomowoc: Oconomowoc W. Dept.
Oshkosh: Eichinger, Hintz, Schneider
Portage: Bryan

Wisconsin—Continued
Racine: Peirce, Quimby
Shawano: Page
Sheboygan: Donohue, Sheboygan Board of Water Comnrs., Zufelt
South Milwaukee: Stosick
Stevens Point: Van Hecke
Stoughton: Dahle
Superior: Corine
Two Rivers: Tomek
Watertown: Reichardt
Waukesha: Kuranz
Waupun: Towne
Wauwatosa: Henke
Wisconsin Rapids: Gross

WYOMING

Active and Honorary 7; Corporate 1; Total 8

Casper: City of Casper
Cheyenne: Baldwin, Williams
Cody: Bell
Gillette: Streeter
Parco: Breniman
Rock Springs: Darling
Torrington: Lutz

CANADA

Active and Honorary, 175, Corporate, 43; Associate, 2; Total, 220

Amherstburg: Bernard
Aylmer: Breen
Barrie: Barrie Water, Light & Gas Comm.
Belle River: Gauthier
Belleville, Ont.: Belleville Public Utilities Comm.
Bowmanville: Chase
Bracebridge: Ball
Brandon: McFarlane
Brantford: Adams, Brantford Public Utilities Comm., Patterson, Roberts
Brockville: Farquharson
Burlington: Edwards
Calgary: Robinson
Carleton Place: Rogers
Charlottetown: McMillan
Chatham: Chatham Board of W. Comnrs.
Chesley: Grabb
Cobourg: Cobourg Public Util. Comm.
Cochrane, Ont.: Graff
Colborne: Brintnell
Cornwall: Campbell
Crystal Beach: Hallgren
Deseronto: Deseronto Public Util. Comm.
Dryden: Cooper
Dundas: Wright
Dunnville: Dunnville Public Util. Comm.
Edmonton: Menzies
Elmira, Ont.: Bowman
Essex: Truesdale
Exeter: Lampman
Forest: Ellerker
Fort Erie: Gray
Fort Erie North, Ont.: McManamna
Fort William: Symes
Galt: Cuthiell
Gananoque: Gananoque W. W. Comm.
Grimsby: Grimsby W. Comm.
Guelph: City of Guelph
Hamilton: Darling, Matheson, McFaul, Veale
Hamilton Beach: Greenwood
Hespeler: Meyer
Hull: Lanctot, McCrone
Ingersol: Hall
Islington: Dilworth
Joliette: Lippe
Kapuskasing: Town of Kapuskasing
Kenora: Hooper
Kimberly: Blezard
Kingston, Ont.: Folger, Malcolm
Kirkland Lake: Township of Teck
Kitchener: Kitchener W. Comm., Pequegnat
Lachine: Deslauriers, Dorion
Lindsay: Hammond
Listowel: Hanna
London: Buchanan, Charles, Hodkinson, London Public Util. Comm.
Meaford: Brown
Merritton: Merritton Public Util. Comm.
Midland: Midland Public Util. Comm.
Montreal: Bird-Archer Co. Ltd., Cyr, Dorrance, Fairbairn, Field, Gaboury, Hazen, Hill, Hutchison, Lafreniere, Lea, McCrady, Meadows, Plamondon, Tessier, Van Patter, Williamson
Moose Jaw: Fawkes
Nanaimo: Graham
Napanee: Dafoe
New Liskeard: Sutcliffe
New Toronto: Berner, New Toronto Public Util. Comm.

Canada—Continued
New Westminster: City of New Westminster
Niagara Falls: Acres, Pringle, Warder
North Bay: City of North Bay
Oakville, Ont.: Oakville W. & Light Comm.
Orillia: Orillia W., Light & Power Comm.
Oshawa: Oshawa Public Util. Comm.
Ottawa: Barry, Ferguson, Leverin, MacDonald, City of Ottawa, Stockwell, Wight
Owen Sound: Waddell
Palmerston: Oke
Paris: Boucher
Perth, Ont.: Smith
Peterborough: Dobbin, Hunt, Peterborough Util. Comm.
Picton: Tait
Port Arthur: Flook
Port Hope: Port Hope W. W. Comm.
Preston: Preston Light & W. Comm.
Raymond: Dyson
Regina: Regina W. W. Dept., Schaeffer
Renfrew: Stewart
Richmond Hill, Ont.: McBride
Ridgetown: Campbell
St. Boniface, Man.: Bibeau
St. Catharines: Jack, McPhail
St. Marys: St. Marys Public Util. Comm.
St. Stephen: Laflin
St. Thomas: Miller, City of St. Thomas
Sarnia: Hall
Saskatoon: Underwood
Sault Ste. Marie: Cornell
Seigniory Club, Que.: Stewart
Simcoe: Simcoe Public Util. Comm.
South Porcupine: Anderson
Stratford: Manson
Strathroy: Strathroy Public Util. Comm.
Sudbury: Martindale
Swift Current: Ashford
Tecumseh: Poisson
Temiskaming: Grimmer
The Pas: Williams
Tilbury: Tilbury Public Util. Comm.
Tillsonburg: Tillsonburg Public Util. Comm.
Timmins: Town of Timmins
Toronto: Allan, Angus, Austin
Berry, Bond
Canadian Engineer
Delaporte
Township of East York
Hannan, Heath, Hitchman, Howard, Hutchinson
Johnston
Kinney
MacLaren, McDonald, McGarigle, McLean, McRae
Proctor
Randall, Redfern, Routledge, Russell Sanderson, Scarborough Public Util. Comm., Storrie
Thompson, Toronto Dept. of Works
L. D. Walker, W. H. Walker, Wite
Township of York
Truro: Gordon
Uxbridge: Tunstell
Valleyfield: Belanger
Vancouver: Belyea, Brakenridge, Cleveland, General Util. Co. Ltd. Perry, Rome
Verdun: DesBaillets, Harrington
Victoria, B. C.: Irwin
Walkerville: Taylor
Wallaceburg: Harrison
Waterloo, Ont.: Grosz
Watford: Fuller
Welland: Welland Board of W. Comnrs.
Weston, Ont.: Peirson
West Toronto: Van Benschoten
Wetaskiwin: Maggs
Wheatley: Chute
Whitby: Whitby Public Util. Comm.
Willowdale: Township of North York
Windsor, Ont.: Armstrong, Hanna, Keith, Kellner, Strickland, Windsor Util. Comm.
Winnipeg: Borgford, Brickenden, Foggie, Hurst, Lindsten, Main
Woodstock, Ont.: Archibald
Yorkton: Bailey

OUTSIDE OF UNITED STATES AND CANADA

Active and Honorary, 107; Corporate, 12; Total, 119

ARGENTINE REPUBLIC

Buenos Aires: Besselievre, Lasso, Obras Sanitarias de la Nacion, Paitovi, Putnam
Rosario: Buchanan

AUSTRALIA

Melbourne: Martin, Melbourne & Metropolitan Board of Works, O'Nial, Ritchie, Smith
Midland Junction: Limb

Australia—Continued
Mildura: Hughes
North Geelong: Bowen
Queensland: Simmonds
Sydney: Nicol

BRAZIL

Bello Horizonte: Continentino
Rio de Janeiro: de Brito, Sampaio, Vieira

BRITISH WEST INDIES

Jamaica: Kirkpatrick

CANAL ZONE

Balboa: Hatch
Cristobal: Dunn

CHINA

Shanghai: Yang
Tientsin: Clark

COLOMBIA

Barranquilla: Armstrong
Bogota: Bruhn, Guerrero, de Santamaria, Noguera
Santa Marta: Urueta

COSTA RICA

San Jose: Picado

CUBA

Havana: Cosculluela, Garcia-Montes, Martinez, Montoulieu, Puente, Zanetti

CZECHOSLOVAKIA

Kaznejov: Kanhauser

DENMARK

Copenhagen: Jarvis

ENGLAND

Birmingham: Golder
Bournemouth: Moon
Buxton: Race
Grange-over-Sands: Tomlinson
Harrow: Waddington
Ilkley: Mitchell
Lincoln: Whiteley
London: Cook, Dagley, Green, Howland, Moir, Paterson, Pearson
Northwich: Jones
Staines: Palmer
Sunderland: Carey
Westminster: Temple
Wolverhampton: Page

FRANCE

Montrouge: Pain
Nancy: Imbeaux, Marcel, Paul
Paris: Chidaine, Michau

GERMANY

Berlin: Manz, Ornstein
Dortmund: Flach
Dresden: Vollmar
Munich: Marquardt
Stuttgart: Link

GREECE

Athens: Farrell, Gausmann, Georgalas

GUATEMALA

Guatemala City: Compania del Agua del Mariscal, S. A.

HAWAII

Honolulu: Board of Water Supply, Hawaiian Pineapple Co., Tay
Wahiawa: Wahiawa Water Co. Ltd.

HOLLAND

Utrecht: Utrechtsche Waterleiding-Maatschappij

HUNGARY

Budapest: Vojcsik

INDIA

Calcutta: Adam
Gwalior: Prokofieff
Manbhum: Aga

ITALY

Milan: Cambi, Rocca

JAPAN

Hyogo-Ken: Takeuchi
Tokyo: Ford
Tokyo-Shiyakusho: Iwasaki

MEXICO

Mexico City: Banco Nacional, Brinkman, Gama, Holste, Merrick, Robles, Ruiz, Villa-Acosta, Zapata
Obregon: Molina

Mexico—Continued
Tacubaya: Cornejo
Torreon: Smith
Veracruz: Alarcon

PHILIPPINES

Manila: Manila Metropolitan W. Dist.

PORTUGAL

Cascaes: Garcia

PUERTO RICO

Mayaguez: Pena

SCOTLAND

Dundee: Fulton
Edinburgh: Baxter
Monkton: Ball

STRAITS SETTLEMENTS

Penang: Holmes
Singapore: Murnane

SWEDEN

Göteborg: Göteborgs Vattenledningsverk
Hälsingborg: Hälsingborg W. Dept.
Malmö: Malmö Byggnadskontor
Stockholm: Bergstrom, Von Greyerz

URUGUAY

Montevideo: Altoberro

VENEZUELA

Caracas: Bunker, Guardia, Martinez-Ponte, Sanchis, Stolk, Tetzlaff

MEMBERSHIP OF LOCAL SECTIONS

CALIFORNIA SECTION

	Active and Honorary	*Corp.*	*Assoc.*	*Junior*	*Affil.*	*Total*
Arizona	7	—	—	—	—	7
California	355	35	17	—	—	407
Nevada[1]	2	1	—	—	—	3
Total	364	36	17	—	—	417

CANADIAN SECTION

Alberta	4	—	—	—	—	4
British Columbia	8	2	—	—	—	10
Manitoba	10	—	—	—	—	10
New Brunswick	1	—	—	—	—	1
Nova Scotia	1	—	—	—	—	1
Ontario	120	40	1	—	—	161
Prince Edward Island	1	—	—	—	—	1
Quebec	25	—	1	—	—	26
Saskatchewan	5	1	—	—	—	6
Total	175	43	2	—	—	220

CENTRAL STATES SECTION

Pennsylvania (western)[2]	67	5	12	—	—	84

FLORIDA SECTION

Florida	52	4	1	—	—	57

FOUR STATES SECTION

Delaware	6	—	1	—	—	7
District of Columbia	14	2	—	—	—	16
Maryland	30	—	1	—	—	31
Pennsylvania (eastern)[2]	97	7	14	—	—	118
Total	147	9	16	—	—	172

ILLINOIS SECTION

Illinois	168	6	18	—	—	192

INDIANA SECTION

Indiana	93	15	4	—	1	113

KENTUCKY-TENNESSEE SECTION

Kentucky	28	6	1	—	—	35
Tennessee	32	3	2	—	—	37
Total	60	9	3	—	—	72

[1] Nevada is not within the territory of any Local Section. The Nevada members here enumerated are members of the California Section by individual choice, in accordance with the By-Laws, Art. VII, Sect. 5.

[2] Pennsylvania is divided between the Central States Section and the Four States Section, the dividing line being at longitude 77°–45′ W.

MICHIGAN SECTION

	Active and Honorary	Corp.	Assoc.	Junior	Affil.	Total
Michigan	70	4	3	—	—	77

MINNESOTA SECTION

Minnesota	39	6	1	—	—	46

MISSOURI VALLEY SECTION

Iowa	44	5	2	—	—	51
Kansas	10	2	—	—	—	12
Missouri	51	2	1	—	—	54
Nebraska (eastern)[3]	12	3	2	—	—	17
South Dakota	6	1	—	—	—	7
Total	123	13	5	—	—	141

MONTANA SECTION

Montana	30	5	—	—	—	35

NEW ENGLAND SECTION

Connecticut	25	2	2	—	—	29
Maine	12	—	—	—	—	12
Massachusetts	63	1	7	—	—	71
New Hampshire	3	1	—	—	—	4
Rhode Island	4	1	1	—	—	6
Vermont	3	—	—	—	—	3
Total	110	5	10	—	—	125

NEW JERSEY SECTION

New Jersey	139	13	7	—	—	159

NEW YORK SECTION

New York	366	42	49	—	—	457

NORTH CAROLINA SECTION

North Carolina	72	4	1	—	—	77

OHIO SECTION[4]

Ohio	84	1	13	—	—	98

[3] Nebraska is divided between the Missouri Valley Section and the Rocky Mountain Section, the dividing line being at longitude 100°W.

[4] Formation of the Ohio Section and the West Virginia Section was authorized on April 24, 1938, but the organization of these Sections has not yet been completed.

PACIFIC NORTHWEST SECTION

	Active and Honorary	*Corp.*	*Assoc.*	*Junior*	*Affil.*	*Total*
Idaho (northern)[5]	5	2	—	—	—	7
Oregon	36	3	—	—	—	39
Washington	63	5	1	—	1	70
Total	104	10	1	—	1	116

ROCKY MOUNTAIN SECTION

Colorado	39	7	1	—	—	47
Idaho (southern)[5]	2	2	—	—	—	4
Nebraska (western)[3]	1	—	—	—	—	1
New Mexico	4	3	—	—	—	7
Utah	4	1	1	—	—	6
Wyoming	7	1	—	—	—	8
Total	57	14	2	—	—	73

SOUTHEASTERN SECTION

Alabama	24	2	5	—	—	31
Georgia	59	2	1	—	—	62
Mississippi	11	—	—	—	—	11
South Carolina	27	1	—	1	—	29
Total	121	5	6	1	—	133

SOUTHWEST SECTION

Arkansas	13	2	—	—	—	15
Louisiana	28	3	1	—	—	32
Oklahoma	12	1	—	—	—	13
Texas	46	2	2	—	—	50
Total	99	8	3	—	—	110

VIRGINIA SECTION

Virginia	43	—	4	—	—	47

WEST VIRGINIA SECTION[4]

West Virginia	22	—	—	—	—	22

WISCONSIN SECTION

Wisconsin	59	7	3	—	—	69

MEMBERS NOT IN ANY SECTION

North Dakota	4	—	—	—	—	4
Outside U. S. & Can.	107	12	—	—	—	119
Total	111	12	—	—	—	123
Grand Total	2,775	276	181	1	2	3,235

[5] Idaho is divided between the Pacific Northwest Section and the Rocky Mountain Section, the dividing line being at latitude 45°N.

DIRECTORY OF COMMITTEES OF THE AMERICAN WATER WORKS ASSOCIATION

GENERAL COMMITTEES

EXECUTIVE COMMITTEE OF THE DIRECTORS

Reeves Newsom, *chairman*
Willard T. Chevalier
Linn H. Enslow
Roger W. Esty
Denis F. O'Brien

COMMITTEE ON WATER WORKS PRACTICE

Malcolm Pirnie, *chairman*
Frank A. Barbour
W. W. DeBerard
R. L. Dobbin
A. E. Gorman
W. W. Hurlbut
Denis F. O'Brien
Jacob Schwartz
W. H. Weir
Abel Wolman

This committee is charged with general direction of all technical committee work of the Association and its Divisions and Sections, the establishment of all professional or technical standards and the preparation of material for the Water Works Practice Manual and its supplements. The sub-committees under this committee are listed under a special heading on a later page.

PUBLICATION COMMITTEE

Linn H. Enslow, *chairman*
T. L. Amiss
A. E. Berry
A. P. Black
C. L. Bogert
T. L. Bristol
W. W. Brush
C. K. Calvert
L. V. Carpenter
Willard T. Chevalier
Charles R. Cox
W. W. DeBerard
Alan Drake
Eugene F. Dugger
T. H. Fenkell
Roger W. Esty
H. B. Foote
P. W. Frisk
D. D. Gross
Carl A. Hechmer
W. W. Hurlbut
C. L. Inglee
J. E. Jagger
H. E. Jordan
John A. Kienle
E. T. Killam
W. C. Mabee
Dale L. Maffitt
C. M. McCord
Fred Merryfield
A. H. Miller
S. B. Morris
J. H. Murdoch
H. L. Nelson

S. F. Newkirk, Jr.
Reeves Newsom
H. E. Nunn
John O'Neill
Walter A. Peirce
Malcolm Pirnie
Geo. B. Prindle
Jacob Schwartz
R. B. Simms
Thos. J. Skinker
M. C. Smith
L. N. Thompson
N. T. Veatch, Jr.
F. H. Waring
Paul Weir
R. S. Weston
John Winder

This committee plans the annual convention program and has general control of all publications.

PUBLICATION EXECUTIVE SUB-COMMITTEE

Harry E. Jordan, *chairman*
W. W. Brush
W. W. DeBerard
Chas. Eastwood
Linn H. Enslow

This sub-committee has direct authority and power over the editing and business management of all of the Association's publications.

CONSTITUTION AND BY-LAWS

Ross L. Dobbin, *chairman*
Eugene F. Dugger
G. H. Fenkell
Harry E. Jordan
Dale Maffitt

This committee considers and gives recommendations as to desired amendments to the Constitution or By-Laws of the Association. It also passes upon all new By-Laws, or amendments to the By-Laws, of Divisions and Sections of the Association.

HONORARY MEMBERSHIP

Reeves Newsom, *chairman*
Eugene F. Dugger
W. W. Hurlbut

This is a committee of the Directors. It makes recommendations for election to Honorary Membership in the Association. It usually is made up of the President and the last two past presidents.

THE JOHN M. DIVEN MEMORIAL MEDAL

Malcolm Pirnie, *chairman*
Linn H. Enslow
Jacob Schwartz
Thos. J. Skinker
W. M. Wallace

This committee makes recommendation to the Directors as to the award of the Diven medal. It usually consists of the chairmen of the Water Works Practice and Publication Committees and the Past Chairmen of each of the three Divisions.

THE JOHN M. GOODELL PRIZE

E. Sherman Chase ('39), *chairman*
Earle L. Waterman ('40)
Edward L. Stapley ('41)

This committee makes recommendation to the Directors as to the award of the Goodell prize. Each member serves three years.

CONVENTION PLACE

Representing the A. W. W. A.

Harry E. Jordan, *chairman*
Paul Hansen
W. H. Weir

Representing the W. W. Mfrs. Assn.

John A. Kienle
Denis F. O'Brien
Martin F. Tiernan

This committee makes recommendation to the Directors as to the location and date of the Association's annual convention.

CONVENTION MANAGEMENT

Representing the A. W. W. A.

Wm. J. Orchard, *chairman*
S. F. Newkirk, Jr.
L. Van Gilder

Representing the W. W. Mfrs. Assn.

C. L. Inglee
J. H. Smith

Ex-officio

Reeves Newsom, *Pres., A. W. W. A.*
Harry E. Jordan, *Secy., A. W. W. A.*
Linn H. Enslow, *Chr., Publ. Comm.*
H. W. Ford, *Pres., W. W. Mfrs. Assn.*
John A. Kienle, *Secy., W. W. Mfrs. Assn.*

This committee is in charge of the management of all details of the Association's annual convention, except the program and the choice of location and date.

GENERAL POLICY

Eugene F. Dugger, *chairman*
Reeves Newsom
W. W. Hurlbut
Frank A. Barbour
Harry E. Jordan
John A. Kienle
Denis F. O'Brien

This is a standing committee charged with the duty of formulating basic policies of the Association with regard to the field and extent of its activities, the development of Local Sections and a number of other broadly related and fundamental subjects.

SECTION AFFAIRS

Lewis V. Carpenter, *chairman*
Wilford W. DeBerard
Eugene F. Dugger
Rollo K. Blanchard
Ross L. Dobbin

The purpose of this committee is to study problems arising in the conduct of the activities of the Sections, to recommend procedure and assist in securing suitable and uniform action on such subjects.

NATIONAL WATER POLICY

Abel Wolman, *chairman*
Louis R. Howson
Theodore A. Leisen
Samuel B. Morris
Howard S. Morse

This committee is charged with the duty of observing the plans and actions of the Federal Government's National Resources Board and its allied groups, and of representing the Association in any actions on subjects being considered by them.

SOCIAL SECURITY LEGISLATION

Dale L. Maffitt, *chairman*

This committee, the organization of which was authorized in January, 1937, was formed for the purpose of following developments in Social Security Legislation and of keeping the Association informed on the subject.

WATER WORKS PRACTICE SUB-COMMITTEES

GENERAL

CHEMICAL HAZARDS IN WATER WORKS PLANTS

Marsden C. Smith, *chairman*
George H. Fenkell
Arthur E. Gorman
Frank E. Hale
Norman J. Howard
Willard C. Lawrence
Linn H. Enslow
H. H. Gerstein
Ray F. Goudey
L. L. Hedgepeth
Harold S. Hutton
Winfield S. Mahlie

This committee was organized to report on the best methods of handling chemicals used in water purification in order to avoid injury to personnel or damage to plant from their use, and to recommend methods of meeting difficulties which may arise in the handling of these chemicals. This committee's report on chlorine was published in the Journal, September, 1935, page 1225. A second report, on ammonia, was presented at the 1936 annual convention and published in the Journal, November, 1936, page 1772. Further work is in progress.

ELECTROLYSIS AND ELECTRICAL INTERFERENCE

M. Warren Cowles
Charles F. Meyerherm, *secretary*
Edward E. Minor

This committee has been working for a number of years on problems in connection with the electrolysis of water pipes, and recently in particular, on questions concerning the use of water pipes as a means of grounding electrical systems. Partly as a result of the activity of this committee there was recently organized the American Research Committee on Grounding, listed on a later page under Joint Committees.

PIPE LINE FRICTION COEFFICIENTS

Clinton L. Bogert, *chairman*
H. G. Acres
James E. Gibson
Reeves Newsom
George Norcom
Thomas J. Skinker
R. S. Weston
E. K. Wilson
Thomas F. Wolfe

Established at the suggestion of the New England Water Works Association this committee's purpose is to coöperate with that association in the preparation of a report covering a wider geographic field than was covered in the report of the New England committee. This committee is not to carry on any independent research but will only review existing data.

HISTORY OF WATER PURIFICATION

M. N. Baker, *chairman*

Mr. Baker is conducting an extensive research in this country and abroad in the preparation of a record of the developments which have led up to modern water treatment.

COMMITTEES ON THE MANUAL

These committees were arranged and organized in order to prepare revisions and additions to the Manual of Water Works Practice. As the projects undertaken by these committees are completed they will probably be published separately in order to make them available at once.

COMMITTEE 1—BASIC DATA

Elson T. Killam, *chairman*
Albert E. Berry
Nathan B. Jacobs
Samuel B. Morris
Moses N. Baker
Charles R. Cox
Frank C. Jordan

To consider and recommend procedure in the development of a program for the collection of water works data and statistics, and particularly to coöperate with the U. S. National Resources Committee in their work on the same subject.

COMMITTEE 2—SURFACE WATER ALLOCATION

COMMITTEE 3—SURFACE WATER COLLECTION

COMMITTEE 4—GROUND WATER COLLECTION

DANIEL W. MEAD, *chairman*

COMMITTEE 5—QUALITY AND TREATMENT

PAUL HANSEN, *chairman* LEWIS V. CARPENTER, *vice chairman*

COMMITTEE 6—POWER AND PUMPING

C. B. BURDICK, *chairman*

COMMITTEE 7—TRANSMISSION AND DISTRIBUTION

G. GALE DIXON, *general chairman*

Sub-Committee 7-A—Steel Plate Pipe

WILLIAM W. HURLBUT, *chairman*
WILLIAM W. BRUSH
FRED M. RANDLETT
THOMAS H. WIGGIN
FRANK A. BARBOUR
GEORGE H. FENKELL
JOHN F. SKINNER

This committee is preparing standard specifications for steel plate pipe, including both riveted and welded types, and coatings.

Advisory Sub-Committee under Sub-Committee 7-A

LAWRENCE F. ALLAN.....*Repr. Canadian Sect.*
W. L. MCFAUL.....*Repr. Canadian Sect.*
EDWARD M. PROCTOR.....*Repr. Canadian Sect.*
A. U. SANDERSON.....*Repr. Canadian Sect.*
RALPH W. REYNOLDS.....*Repr. Florida Sect.*
SETH M. VAN LOAN.....*Repr. Four States Sect.*
GEORGE T. HORTON.....*Repr. Illinois Sect.*
WM. C. MABEE.....*Repr. Indiana Sect.*
THEODORE A. LEISEN.....*Repr. Missouri Valley Sect.*
THOMAS J. SKINKER.....*Repr. Missouri Valley Sect.*
HAROLD W. GRISWOLD.....*Repr. New England Sect.*
WILLIAM R. CONARD.....*Repr. New Jersey Sect.*
W. A. KUNIGK.....*Repr. Pacific Northwest Sect.*
JOHN W. CUNNINGHAM.....*Repr. Pacific Northwest Sect.*
DWIGHT D. GROSS.....*Repr. Rocky Mountain Sect.*
JOHN J. WILSON.....*Repr. Rocky Mountain Sect.*
A. CLINTON DECKER.....*Repr. Southeastern Sect.*
W. S. TOMLINSON.....*Repr. Southeastern Sect.*
ALBERT R. DAVIS.....*Repr. Southwest Sect.*
FRANK M. MURPHY.....*Repr. Southwest Sect.*
RICHARD F. WAGNER.....*Repr. Virginia Sect.*

Sub-Committee 7-B—Reinforced Concrete Pipe

Sub-Committee 7-C—Cast Iron Pipe

The work which would ordinarily be undertaken by this sub-committee is being carried on by Sectional Committee A21, on Specifications for Cast Iron Pipe, Thomas H. Wiggin, Chairman. This is a joint committee organized under the procedure established by the American Standards Association and on which the American Water Works Association is represented. This committee is listed under Joint Committees.

Sub-Committee 7-D—Laying Cast Iron Pipe

WILLIAM C. MABEE, *chairman*
E. T. CRANCH
SAMUEL E. KILLAM
B. A. POOLE
WILLIAM M. RAPP
GEORGE G. ROUTLEDGE
J. B. WINDER
CLINTON L. BOGERT
WILLIAM W. HURLBUT
H. LLOYD NELSON
GEORGE W. PRACY
RALPH W. REYNOLDS
THOMAS J. SKINKER
FRANK Y. DORRANCE

This committee has prepared standard specifications for the laying of cast iron pipe, published in the Journal for February, 1938 and adopted by the Board in April, 1938.

Sub-Committee 7-E—Valves, Sluice Gates and Fire Hydrants

WILLIAM R. CONARD, *chairman*
WILLIAM FLANNERY
HAROLD W. GRISWOLD
J. ARTHUR JENSEN
FRANK H. STEPHENSON

Specifications for gate valves prepared by this committee were adopted by the Board on April 28, 1938, to be effective May 1, 1939. Specifications for fire hydrants are now under discussion.

Sub-Committee 7-F—Meters

S. F. NEWKIRK, JR., *chairman*

This committee is now being organized for the purpose of revision of meter specifications.

Sub-Committee 7-G—Location Records and Maintenance of Mains and Services

Sub-Committee 7-H—Steel Standpipes and Elevated Tanks

LOUIS R. HOWSON, *chairman*
NATHAN T. VEATCH, JR.

The new specifications issued by this committee were published in the JOURNAL in November, 1935. This committee, working in collaboration with Sub-Committee 7-W, is now proceeding to amplify these specifications to include welded construction.

Sub-Committee 7-J—Distribution Reservoirs

Sub-Committee 7-K—Water Consumption

Sub-Committee 7-L—Fire Prevention and Protection

John H. Murdoch, Jr., *chairman*	J. Walter Ackerman
Philip Burgess	Carlton E. Davis
Thad M. Erwin	Harry U. Fuller
L. W. Helmreich	Louis R. Howson
Frank C. Jordan	Dale L. Maffitt
Caleb Mills Saville	Leon A. Smith
William Storrie	

This committee was re-established in January 1937 and charged particularly with a study of questions concerning the use of public water supplies for private fire protection.

Sub-Committee 7-M—Distribution System Safety

Wm. E. Stanley, *chairman*	R. F. Goudey
A. E. Berry	J. A. Jensen
C. K. Calvert	W. R. LaDue
M. W. Cowles	F. A. Marston
F. M. Dawson	D. H. Maxwell
A. E. Gorman	L. F. Warrick

This committee has as its scope the definition of the structural and sanitary hazards which may be encountered in the distribution of public water supplies and the determination of reasonable means of obtaining structural safety and the elimination of sanitary hazards.

The committee shall consider water for public supply from the point of its delivery to the filtered water clear well (or its equivalent), through connecting conduits, pump suction wells (or reservoirs), high service pumps and stations, distribution reservoirs, standpipes or elevated tanks and the distribution mains up to the consumers meter.

There is excepted from the scope of the committee's activities the following:

1. Power and pumping economics
2. Specifications for steel pipe
3. Specifications for cast-iron pipe and fittings
4. Specifications for reinforced concrete pipe
5. Specifications for laying cast iron pipe
6. Specifications for valves and hydrants
7. Specifications for transite pipe
8. Specifications for standpipes and elevated tanks
9. Specifications for service line materials
10. Specifications for meters
11. Location records of mains and services
12. Methods of control of cross connections

Sub-Committee 7-S—Service Line Materials

Walter A. Peirce, *chairman*	Frank C. Amsbary, Jr.
Paul D. Cook	John C. Detweiler
Dwight D. Gross	E. E. Jacobson
C. D. Moon	R. H. Martindale
Reeves J. Newsom	H. V. Pedersen
George W. Pracy	Edward H. Ruehl
F. Albert Schaefer	W. E. Swartz

This committee is charged with the review, approval and publication of specifications for copper, iron (wrought or cast) lead, etc. tubing or pipe in sizes and weights suitable for water service lines.

The committee may also, to a limited extent, review and summarize current methods of installation of service lines.

Sub-Committee 7-T—Transite Pipe

Clarence R. Knowles, *chairman*	Clarence Goldsmith
William D. Hurst	C. A. McGinnis

A preliminary report of this committee appeared in the Journal, May, 1937.

Sub-Committee 7-W—Welding of Steel Standpipes, Elevated Tanks and Pipe

Louis R. Howson, *chairman*	H. O. Hill
George T. Horton	J. O. Jackson
J. P. Schwada	

This committee has been organized in order to collaborate with sub-committees 7-A and 7-H in extending the work of those two committees to include welded construction.

Committee 8—Cross Connections

E. Sherman Chase, *chairman*	J. Walter Ackerman
O. E. Brownell	M. W. Cowles
Joel I. Connolly	F. M. Dawson
Earl Devendorf	H. E. Halpin
J. A. Jensen	W. Scott Johnson
R. E. Tarbett	W. J. Scott

This committee was organized for the purpose of correlating information concerning the control of cross connections. A report was published in the Journal for March, 1933. Further studies are now in progress and a report is being prepared.

WATER PURIFICATION DIVISION COMMITTEES

SPECIFICATIONS AND TESTS FOR WATER PURIFICATION CHEMICALS

MATHEW M. BRAIDECH, *chairman*
WILLIAM U. GALLAHER
WARREN A. KRAMER
GEORGE R. SPALDING
R. C. BARDWELL
GILBERT L. KELSO
WINFIELD S. MAHLIE

This committee is preparing standard specifications for twenty-six of the chemicals used in water purification processes. See the JOURNAL, April, 1934, page 532, for progress report.

SPECIFICATIONS AND TESTS FOR POWDERED ACTIVATED CARBONS

MATHEW M. BRAIDECH, *chairman*
F. WELLINGTON GILCREAS
R. D. SCOTT
LLOYD C. BILLINGS
NEIL KERSHAW
GEORGE R. SPALDING

The final report of this committee was presented at the New Orleans convention, April, 1938.

METHODS OF TESTING ZEOLITES

CHARLES P. HOOVER, *chairman*
SHEPPARD T. POWELL
JACK J. HINMAN, JR.

This committee's last progress report was published in the JOURNAL, September, 1935, page 1178.

METHODS OF DETERMINING FLUORIDES

A. P. BLACK, *chairman*
RAY F. GOUDEY
R. D. SCOTT
W. V. UPTON
J. G. WEART
W. D. COLLINS
M. STARR NICHOLS
GLADYS SWOPE
L. V. WILCOX

This committee has been formed in order to perfect present laboratory methods of determining the fluoride content of water including particularly a comparative study of the Sanchis and the Elvove methods.

CHLORINE-AMMONIA TREATMENT

F. WELLINGTON GILCREAS, *chairman*
C. E. ARNOLD
J. F. T. BERLINER
C. K. CALVERT
HARRY A. FABER
H. H. GERSTEIN
ATTMORE E. GRIFFIN
MAX LEVINE
W. L. MALLMANN

Organized for the purposes of evaluating the chlorine-ammonia treatment of water.

COORDINATING COMMITTEE ON METHODS OF WATER TREATMENT AND LABORATORY CONTROL

GEO. D. NORCOM, *chairman* C. R. COX
A. E. BERRY

This committee organized subsequent to the 1937 convention for the purpose of studying the general hygienic aspects of water treatment as related to current processes and laboratory methods. The committee coöperates with a similar committee of the American Public Health Association.

COMMITTEE ON HIGH RATE TREATMENT

NORMAN J. HOWARD, *chairman* EDW. S. HOPKINS
JOHN R. BAYLIS

This committee organized subsequent to the 1938 convention for the purpose of studying short-time sedimentation and high-rate filtration processes and results.

JOINT COMMITTEES WITH OTHER ORGANIZATIONS

JOINT EDITORIAL COMMITTEE ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND SEWAGE

American Public Health Association

American Water Works Association

Representatives of A. W. W. A.:

HARRY E. JORDAN, *chairman*
HAROLD A. LEVERIN
WILLIAM D. HATFIELD

Representatives of A. P. H. A.:

ARTHUR M. BUSWELL
JOHN F. NORTON
SHEPPARD T. POWELL

This committee performs the editorial work and makes all arrangements for the publication of the book "Standard Methods for the Examination of Water and Sewage." An eighth edition of this book was issued in 1936.

JOINT RESEARCH COMMITTEE ON BOILER FEEDWATER STUDIES

American Boiler Manufacturers Association

Association of American Railroads (formerly Amer. Ry. Engineering Assn.)

American Society of Mechanical Engineers

American Society for Testing Materials

American Water Works Association

Edison Electric Institute

Representatives of A. W. W. A.:

HARRY E. JORDAN
SHEPPARD T. POWELL

The general chairman of this joint committee is C. H. Fellows, Research Department, The Detroit Edison Co., 2000 Second Ave., Detroit, Michigan.

The secretary is J. B. Romer, Chief Chemist, The Babcock & Wilcox Co., Barberton, Ohio. An executive sub-committee and nine technical sub-committees have been arranged.

AMERICAN RESEARCH COMMITTEE ON GROUNDING

American Water Works Association

Edison Electric Institute

Representatives of A. W. W. A.:

M. Warren Cowles
Edward E. Minor
Charles F. Meyerherm

This committee has been formed in order to investigate and report upon the various questions involved in the grounding of electrical circuits on water, gas and drainage piping. The general chairman of this committee is H. S. Warren, Bell Telephone Laboratories, 463 West Street, New York, N. Y. The secretary-treasurer is C. F. Meyerherm.

WATER WORKS TERMS

American Public Health Association

American Society of Civil Engineers

American Water Works Association

Thorndike Saville, *General Chairman*

Representatives of A. P. H. A.:

Earle B. Phelps, *sub-chairman*
Sol Pincus
Ralph E. Tarbett

Representatives of A. S. C. E.:

H. Burdett Cleveland, *sub-chairman*
O. E. Brownell
John B. Hawley

Representatives of A. W. W. A.:

Thorndike Saville, *sub-chairman*
Harold E. Babbitt
Samuel B. Morris

This committee has been formed to recommend usage as to the definition and meaning of various terms used in the practice of water works engineering and operation.

WATER WORKS ACCOUNTING MANUAL

A Joint Enterprise of

American Water Works Association

Municipal Finance Officers' Association

Representative of A. W. W. A.:

Hal F. Smith

Representative of M. F. O. A.:

Carl H. Chatters

Chief of Technical Staff:

CHARLES T. SWEENEY

A. W. W. A. Review and Recommendation Committee

J. J. SHARON.....*Repr. California Section*
F. P. ADAMS.....*Repr. Canadian Section*
E. E. BANKSON.....*Repr. Central States Section*
R. W. REYNOLDS.....*Repr. Florida Section*
C. A. HECHMER.....*Repr. Four States Section*
W. R. GELSTON.....*Repr. Illinois Section*
E. C. SCHWIER.....*Repr. Indiana Section*
R. L. LAWRENCE.....*Repr. Kentucky-Tennessee Section*
JOHN C. FLANAGAN.....*Repr. Minnesota Section*
A. L. HEWETT.....*Repr. Montana Section*
T. L. BRISTOL.....*Repr. New England Section*
C. J. ALFKE.....*Repr. New Jersey Section*
ALEXANDER RUSSELL.....*Repr. New York Section*
R. A. THOMAS.....*Repr. North Carolina Section*
D. L. MAFFITT.....*Repr. Missouri Valley Section*
G. B. SCHUNKE.....*Repr. Pacific Northwest Section*
G. F. HUGHES.....*Repr. Rocky Mountain Section*
D. R. PRINGLE.....*Repr. Southeastern Section*
GEO. J. ROHAN.....*Repr. Southwest Section*
W. B. HARMAN.....*Repr. Virginia Section*
W. A. PEIRCE.....*Repr. Wisconsin Section*

A. W. W. A. Final Approval Committee

JACOB SCHWARTZ, *Chairman* C. J. ALFKE
L. D. BLUM J. H. MURDOCH, JR.
W. W. DEBERARD, *ex-officio repr. Publication Committee*
MALCOLM PIRNIE, *ex-officio repr. Water Works Practice Committee*
HARRY E. JORDAN, *ex-officio repr. A. W. W. A. Headquarters Staff*

This activity was organized in the fall of 1936, A. W. W. A. participation being under the auspices of the Finance and Accounting Division. The purpose is to prepare a complete Manual of Accounting for water works. The preliminary editorial work on this Manual is now complete and the volume will issue during the summer of 1938.

INTER-ASSOCIATION COMMITTEE ON CROSS CONNECTIONS

This committee is at present in process of organization, with representatives now appointed by the Conference of State Sanitary Engineers, National Association of Master Plumbers, American Public Health Association, New England Water Works Association, and American Water Works Association.

Representatives of A. W. W. A.:

E. SHERMAN CHASE M. WARREN COWLES

The purpose of the committee is to co-ordinate the activities of the various professional groups with relation to cross connections and internal plumbing hazards.

A. S. M. E. JOINT COMMITTEE ON WATER HAMMER

Representatives of A. W. W. A.:

F. M. DAWSON L. H. KESSLER

This committee was organized in 1931 under the Hydraulic Division of the A. S. M. E. Mr. S. Logan Kerr is its general chairman. A symposium on water hammer was presented in 1933 and published as a separate publication by A. S. M. E. in 1934. A second symposium on the subject was held at the December, 1937 meeting of A. S. M. E. The committee has a very broad international representation.

A. W. W. A. REPRESENTATIVES ON COMMITTEES OF OTHER ORGANIZATIONS

GENERAL

WROUGHT IRON AND WROUGHT STEEL PIPE, VALVES AND FITTINGS. STANDING COMMITTEE FOR SIMPLIFIED PRACTICE, NATIONAL BUREAU OF STANDARDS, UNITED STATES DEPARTMENT OF COMMERCE

Representative of A.W.W.A.:

SHEPPARD T. POWELL

COMMITTEES UNDER THE PROCEDURE OF THE AMERICAN STANDARDS ASSOCIATION

A21—CAST IRON PIPE AND SPECIAL CASTINGS, SPECIFICATIONS FOR

American Gas Association

American Society for Testing Materials

American Water Works Association

New England Water Works Association

Representatives of A. W. W. A.:

THOMAS H. WIGGIN, *general chairman* FRANK A. BARBOUR
WILLIAM W. BRUSH WILLIAM C. HAWLEY
REEVES J. NEWSOM

This committee has been engaged for some years in the preparation of a new standard specification for cast iron pipe and special castings to replace the present A. W. W. A. standard specification, and which will include centrifugal and other methods of manufacture as well as pit cast pipe. It will also include linings.

As noted above, T. H. Wiggin is the general chairman of the committee. The secretary is C. C. Simpson, Jr., (Am. Gas Assn.), 4 Irving Place, New York, N. Y.

A35—MANHOLE FRAMES AND COVERS

American Society of Civil Engineers

The Telephone Group (Bell System and U. S. Ind. Tel. Assn.)

Representative of A. W. W. A.:

FRANK A. MARSTON

This committee is coöperating with the Division of Simplified Practice (U. S. Dept. of Commerce) in the standardization of design, material and dimensions of manhole frames and covers. The general chairman is L. B. Fish, (Bell System) 195 Broadway, New York, N. Y.

A40—PLUMBING EQUIPMENT, STANDARDIZATION OF

American Society of Mechanical Engineers

American Society of Sanitary Engineers

Representative of A. W. W. A.:

WALTER S. L. CLEVERDON

The general chairman of this committee is W. C. Groeniger, (A. S. S. E.) 3250 A. I. U. Citadel, Columbus, Ohio.

B2-1919—PIPE THREAD

American Gas Association

American Society of Mechanical Engineers

Representative of A. W. W. A.:

WILLIAM W. BRUSH

The general chairman of this committee is Alten S. Miller (A. G. A.), 80 Westcott Rd., Princeton, N. J.

B16—PIPE FLANGES AND FITTINGS

American Society of Mechanical Engineers

Heating, Piping and Air Conditioning Contractors National Association

Manufacturers Standardization of the Valve and Fittings Industry

Representatives of A. W. W. A.:

FRANK A. BARBOUR WILLIAM W. HURLBUT

The general chairman of this committee is Collins P. Bliss (A. S. M. E.), New York University, New York, N. Y.

B31—PRESSURE PIPING, CODE FOR

American Society of Mechanical Engineers

Representative of A. W. W. A.:

FRANK N. SPELLER

The general chairman of this committee is Edwin B. Ricketts, New York Edison Co., New York, N. Y.

B36—DIMENSIONS AND MATERIALS OF WROUGHT IRON AND WROUGHT STEEL PIPE AND TUBING, STANDARDIZATION OF

American Society of Mechanical Engineers

American Society for Testing Materials

Representative of A. W. W. A.:

FRANK N. SPELLER

The general chairman of this committee is Harold H. Morgan (A. S. T. M.), 2200 Insurance Exchange Bldg., Chicago, Ill.

C1—NATIONAL ELECTRICAL CODE

National Fire Protection Association

Representative of A. W. W. A. on Article 9, Sub-Committee on Grounding:

CHARLES F. MEYERHERM

The general chairman of this committee is A. R. Small, 109 Leonard St. New York, N. Y.

G8—ZINC COATING OF IRON AND STEEL, SPECIFICATIONS FOR

American Society for Testing Materials

Representatives of A. W. W. A.:

SHEPPARD T. POWELL

The general chairman of this committee is J. A. Capp (A. S. T. M.), General Electric Co., Schenectady, N. Y.

Z23—SIEVES FOR TESTING PURPOSES, SPECIFICATIONS FOR

American Society for Testing Materials

National Bureau of Standards (U. S. Dept. of Commerce)

Representative of A. W. W. A.:

GORDON M. FAIR

The general chairman of the committee is L. T. Work (A. S. T. M.), Columbia University, New York, N. Y.

Z32—STANDARDIZATION OF GRAPHICAL SYMBOLS FOR USE ON DRAWINGS

Representative of A. W. W. A.:

PERCY S. WILSON

COMMITTEES OF THE NATIONAL FIRE PROTECTION ASSOCIATION

ELECTRICAL CODE

See Committee C1 of the American Standards Association, above. These are identical committees.

FOREST

Representative of A. W. W. A.:

EDWARD E. MINOR

Fire protection and prevention for summer homes in forested areas.

HYDRANTS, VALVES AND PIPE FITTINGS

Representative of A. W. W. A.:

FRANK A. BARBOUR

PUBLIC WATER SUPPLIES FOR PRIVATE FIRE PROTECTION

Representative of A. W. W. A.:

J. WALTER ACKERMAN

Including the uniform marking of fire hydrants.

TANKS

Representative of A. W. W. A.:

LOUIS R. HOWSON

ance without lessening resistance to pitting and other types of attack. Behavior of copper-nickel and aluminum-brass can be varied considerably by small changes in composition, e.g., resistance of aluminum-brass to dezincification and deposit attack is improved by presence of arsenic in the metal.—*Selma Gottlieb.*

Determination of Magnetic Iron Oxide as a Measure of Corrosion of Boiler Superheater Elements. R. C. Ulmer. Ind. Eng. Chem.-Anal. Ed. **10:** 24 (Jan. '38). Treatment of corroded boiler superheater elements with inhibited hydrochloric acid (100 parts by wt. of conc. HCl, 2 parts antimony oxide, 5 parts stannous chloride) removed coating of magnetic iron oxide in 30 min. Rate of attack on oxide-free specimens averaged about 0.3% of total loss in wt. of corroded specimens. Inhibited HCl soln. may be used repeatedly but should be discarded when it becomes yellow.—*Selma Gottlieb.*

Controlling Corrosion in Steam and Return Lines. M. E. Dreyfus. Power Plant Eng. **42:** 274 (Apr. '38). Maintenance of suitably high pH and treatment with special volatile amines is proposal for prevention of corrosion by condensate as well as in the boiler above the water line.—*T. E. Larson.*

Electrolytic Control Decreases Maintenance. C. Hammond. Power Plant Eng. **42:** 206 (Mar. '38). Scale deposit and corrosion are prevented in a Brooklyn milk plant by making the metallic hot water heaters and entire piping system cathodic to anodes in two tanks separate from the system. 12.5 amps. at 12.5 volts is the current consumption in comparison to the ½ to 1 kw. hr. consumption per 1000 sq. ft. of container area which is ordinarily required. The high sludge concentrations obtained required extra piping for back-washing alternately the heaters and tanks containing the anodes.—*T. E. Larson.*

Thermal Current as Cause of Corrosion. Observations and Experiences in Practice. H. Krenn. Arch. Wärmew **17:** 115 ('36); Tech. Gembl., **40:** 274 ('37). Author describes investigations concerning corrosion of turbine wheels which indicate that the corrosion was due to production of thermo galvanic currents by the transmission of heat from one part of the metal to another and into the liquid. The part played by cavitation is considered. Corrosion occurs where gas bubbles formed by electrolysis accumulate, i.e. in cavitations or at points where there is little flow of liquid, and may occur on non-metallic surfaces. Examples of corrosion in water power plants, superheaters and boilers are described. Known methods of preventing corrosion by the use of resistant materials and protective electric currents and the design of plant are outlined. Methods described include the prevention of transmission of heat by the introduction in parts of the plant of materials which do not conduct heat or by equalizing the temperature of the metal parts.—*W. P. R.*

Corrosion-Resistant Steels for Turbine Blades. J. H. G. Monypenny. Korrosion u. Metallschutz **13:** 365 ('37). Corrosion phenomena in turbine operation, mech. characteristics of corrosion-resistant steels suitable for tur-

bine blades, their corrosion behaviour as affected by heat treatment, procedure in fabricating and fastening are discussed in detail. For steam free from chlorides, steel contg. 12–14% Cr has sufficient corrosion resistance for blade service up to operating temp. of 500°C. Low-C material of this group, so-called rustless Fe, is more suitable than that of higher C content. For steam contg. chlorides, Cr-Ni steel contg. 16–20% Cr and 2% Ni, and austenitic Cr-Ni steels, especially of 18–8 type, are suitable provided they show no tendency towards intercryst. corrosion. To det. this tendency, testing method involving application of heat gradient to steel bar followed by corrosion test in NaCl soln. is suggested.—*R. E. Thompson.*

Hardened Blade Edges as Protection Against Erosion in Turbine Blades. H. ZSCHOKKE. Korrosion u. Metallschutz **13**: 386 ('37). Process of hardening only part of blade edge, while remainder stays soft and ductile, is discussed. Such blades, made of air-hardening stainless steel, showed excellent results in exptl. turbine in comparison with 14 other steels. In 23,600 operating hrs., attack on these partly hardened blades was 1/12 that on other blades under test.—*R. E. Thompson.*

Destruction of Metallic Materials by a Water Hammer. M. VON SCHWARTZ AND W. MANTEL. Korrosion u. Metallschutz **13**: 375 ('37). Results obtained in cavitation expts. on various ferrous and nonferrous alloys by means of drop-impact app. are reviewed and illustrated by photomicrographs. Resistance against cavitation seems to increase with wear resistance of alloy. Importance of fine-grained and uniform structure is stressed.—*R. E. Thompson.*

A Copper-Silicon Alloy to Replace Pure Copper in Hot-Water Apparatus. K. KAISER. Z. Metallkunde **29**: 263 ('37). Alloys of Cu with 0–4.34% Si and 0–1.2% Mn were prepd. and their phys. properties examd. Alloy contg. 2.2% Si and 0.8% Mn was selected as most suitable for hot-water app. It has sp. wt. of 8.8, m.p. of 1020°C. and thermal cond. of 0.135 Cal/° cm. sec. (18°C.). It can be worked satisfactorily hot and cold and is more resistant to corrosion than pure Cu. Primarily effect of Mn is to preserve fine-grained structure while Si improves physical properties.—*R. E. Thompson.*

Economy of Hot Water Systems. Eng. Cont. Rec. **50**: 93:17 ('37); Chem. Zbl. **1**: 394 ('38). The addition of sodium silicate only prevents corrosion in a water heating system at a limited distance from the point where it is added, and it favors deposition of scale. The use of glucosides and alkali glucosates is discussed.—*W. P. R.*

PUMPING EQUIPMENT

Centrifugal Pumps for the Colorado River Aqueduct. ROBERT L. DAUHERTY. Mech. Eng. **60**: 295 (Apr. '38). Aqueduct will carry 1040 m.g.d. a distance of 300 mi. Total lift 1634′, requiring 330,000 hp., which is largest pumping project in the world. Five stations, with lifts from 146′ to 444′ will be used. Nine pumps (one spare), 130 m.g.d. each, in each station. Lowest lift requires 4380 hp. motor per pump. Highest lift requires 12,500

hp. motor per pump. Cost of plants will be $12,000,000.; annual power cost $4,000,000., making 1% difference in efficiency cost $40,000 per yr. Magnitude of project warranted extensive laboratory tests, conducted at Calif. Inst. of Technology. First step was to test and analyze pumps of different types, then draw up preliminary specifications based on these tests and on opinions received from manufacturers. Then each bidder submitted a model pump for the highest head, which had to meet the specified performances. Scale ratio of models was 6.33. Capacity was $\frac{1}{40}$. Average of max. efficiencies from model pumps was 88.9%. Contracts were then awarded to various manufacturers for the different head pumps. Each contractor had to submit a model of the pump for which he had a contract. These were tested for efficiency, cavitation characteristics and shaft deflection, caused by inequalities of pressure in the volute casing surrounding the impeller. It was found that stiff shafts resulted in negligible wear of the clearance rings. The large size of casings and high pressures resulted in special ribbing and stiffening of the casings. As result of the tests, single stage pumps were specified for all heads. Simplicity of single stage units outweighed the higher pump efficiencies possible from two stage for the high heads. Higher rotative speeds were specified than the manufacturers were originally willing to offer. Cavitation studies determined exact setting required for each group of pumps. An estimated saving of $1,400,000 in the equipment cost for the project resulted from these tests.—*Homer Rupard.*

The Transmission of Power by Fluid Couplings. HAROLD SINCLAIR. Engineering (Br.) **145**: 487 & 551 (Apr. 29 & May 13, '38); The Engr. (Br.) **165**: 486 & 518 (Apr. 29 and May 6, '38). The most numerous problems which arise in the transmission of mechanical power are those which concern starting and stopping, and transmission at variable or adjustable speeds. Hydraulic couplings are being largely used in place of electrical or frictional methods of transmission. Variable-filling fluid couplings are most commonly used for speed regulation in connection with constant-speed driving motors; control of the quantity of fluid in the working circuit being effected by means of a scoop tube which maintains a constant circulation through an external circuit of liquid drawn off from the working chamber. Constant-filling fluid couplings, permit easy starting because the drive is taken up smoothly and automatically as the engine or motor is accelerated and, at normal speeds, it has an av. efficiency of 97 to 99%. Several interesting hydraulic proposals have been made for reducing the drag torque of a constantly-filled coupling by giving the vanes of the impeller a backward bend relative to their direction of rotation.—*H. E. Babbitt.*

A Steam Turbine-Pump Unit in Darmstadt. RICHARD BAMBACH. Gas-u. Wasser **81**: 254 (Apr. 9, '38). The city of Darmstadt set up a steam turbine to drive a pump av. capacity of 3800 gal. against 470′ head. Steam is used at 164 lbs. pressure and temperature of 375°C. (706°F.). The turbine runs at 5500 r.p.m. which is reduced to 1660 r.p.m. for the pump. The condensing water is the drinking water to be pumped. The saving in coal is reported to be 31% of the requirements of the old pumps.—*Max Suter.*